SERVICE MANUAL

CV-2562 Color Monitor

NOTE: This product is part of the 'A'-Line Color Television Receivers of Zenith Electronics Corporation. The material contained herein is reprinted from the Zenith Service Manual.

TENITH data systems

The purpose of this page is to make sure that all service bulletins are entered in this manual. When a service bulletin is received, mark the manual and list the information in the record below.

Record of Field Service Bulletins

SERVICE BULLETIN NUMBER	DATE OF ISSUE	CHANGED PAGE(S)	PURPOSE OF SERVICE BULLETIN	INITIALS
:				

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Zenith Data Systems Corporation St. Joseph, Michigan 49085

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Introduction

The CV2562 is a medium-resolution 25-inch (diagonally measured) color monitor that can be used to display the output of a video cassette recorder/player, video disc player, or personal computer. Up to 450 lines of resolution can be displayed using either RGB or composite video signals. A green-only switch allows the monitor to be used in applications requiring 80 characters of text per line, blanking the red and blue picture elements for enhanced readability.

Table 1 describes the modules used in the CV2562.

Table 1: CV2562 Modules

MODULE/PART	Г
NUMBER	DESCRIPTION
9-155-23	CRT socket module
9-227-02	Main module
9-230-03	RGB interface
9-365	High voltage and horizontal sweep module
14-11582-01	Cabinet rear
20-3918-25	Degausser coil
24-2971-01	Control cover
49-1334-01	Speaker
57-9002-01	CRT escutcheon
63-10914	On/off volume control assembly
85-1559 and	
95-3406-02	Deflection yoke
206-948	Operator's manual
A-8846	On/off volume control knob
A-9731-03	AC line cord
A-10177-02	Light sensor
A-12302-05	Secondary control assembly
A-12696-01	Cabinet front
A-12802	High voltage power supply assembly
A63AAX01X	CRT

The following pages are reprints from the Zenith Electronics Corporation service manual on this product.

PRODUCT SAFETY SERVICING GUIDELINES FOR COLOR TELEVISION RECEIVERS

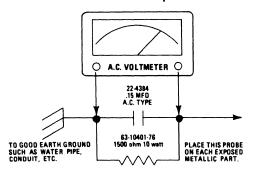
CAUTION: No modification of any circuit should be attempted. Service work should be performed only after you are thoroughly familiar with all of the following safety checks and servicing guidelines. To do otherwise increases the risk of potential hazards and injury to the user.

SAFETY CHECKS

After the original service problem has been corrected, a check should be made of the following:

SUBJECT: FIRE & SHOCK HAZARD

- Be sure that all components are positioned in such a way as to avoid
 possibility of adjacent component shorts. This is especially important on those chassis which are transported to and from the repair
 shon.
- Never release a repair unless all protective devices such as insulators, barriers, covers, shields, strain reliefs, and other hardware have been reinstalled per original design.
- Soldering must be inspected to discover possible cold solder joints, frayed leads, damaged insulation (including AC cord), solder splashes or sharp solder points. Be certain to remove all loose foreign particles.
- Check the "across-the-line" capacitor and other components for physical evidence of damage or deterioration and replace if necessary. Follow original layout, lead length and dress.
- No lead or component should touch a receiving tube or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces must be avoided.
- All critical components (shaded on the schematic diagram and parts lists) such as fuses, flameproof resistors, capacitors, etc. must be replaced with exact Zenith types. Do not use replacement components other than those specified or make unrecommended circuit modifications
- 7. After re-assembly of the set always perform an AC leakage test on all exposed metallic parts of the cabinet, (the channel selector knobs, antenna terminals, handle and screws) to be sure the set is safe to operate without danger of electrical shock. DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST. Use an AC voltmeter, having 5000 ohms per volt or more sensitivity, in the following manner; Connect a 1500 ohm 10 watt resistor (63-10401-76), paralleled by a .15 mfd. 150V AC type capacitor (22-4384) between a known good earth ground (water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination 1500 ohm resistor and .15 mfd. capacitor. Reverse the AC plug and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed .75 volts RMS. This corresponds to 0.5 milliamp AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.



SUBJECT: IMPLOSION

- All Zenith picture tubes are equipped with an integral implosion protection system, but care should be taken to avoid damage during installation. Avoid scratching the tube.
- 2. Use only recommended Zenith replacement tubes.

SUBJECT: X-RADIATION

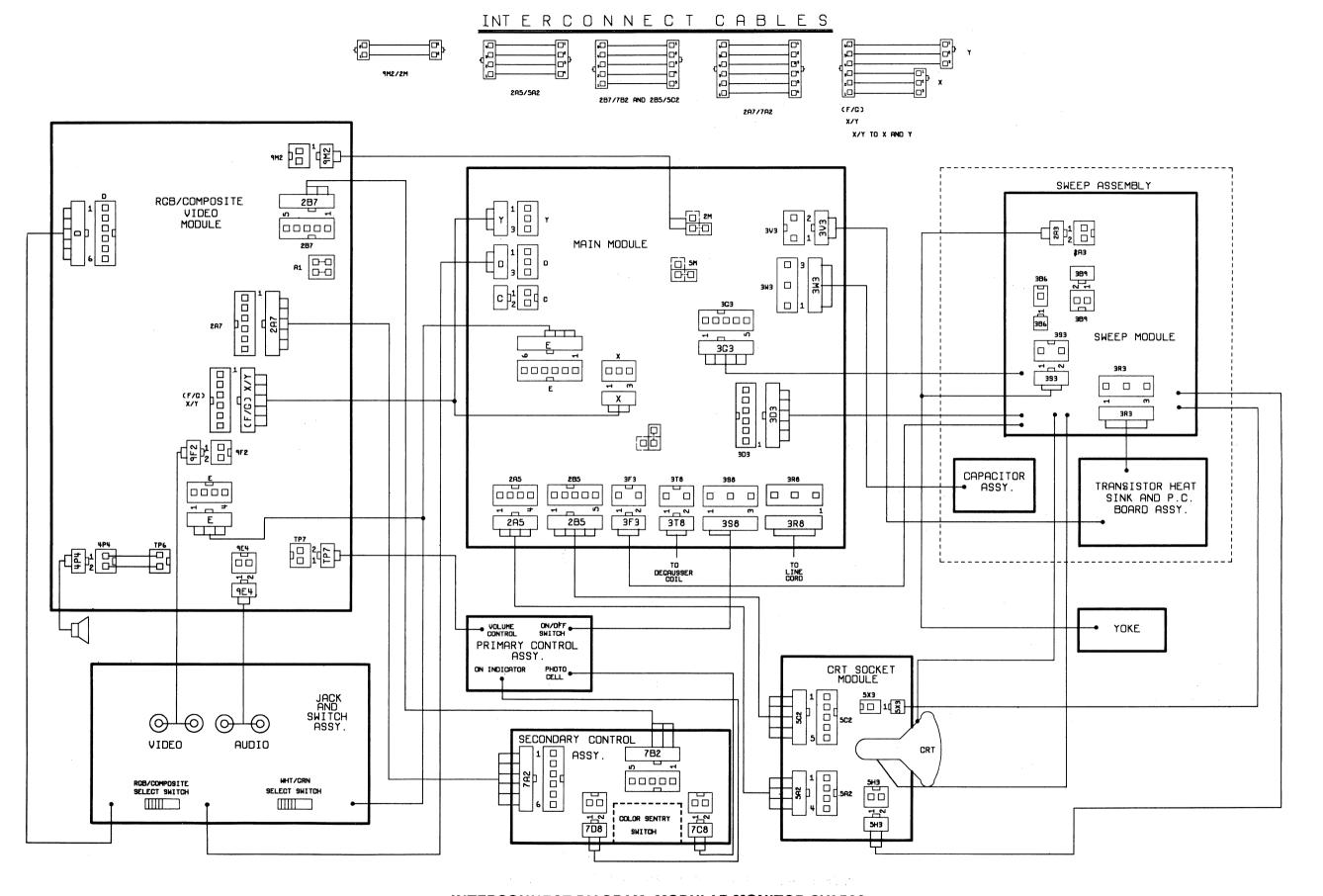
 Be sure procedures and instructions to all service personnel cover the subject of X-radiation. The only potential source of X-rays in current TV receivers is the picture tube. However, this tube does not emit X-rays when the H.V. is at the factory specified level. It is only when the H.V. is excessive that X-radiation may be generated. Refer

- to the X-ray Precaution Label which is located inside each television receiver for the correct high voltage. The proper value is also given in the applicable service manual. Operation at higher voltages may cause a failure of the picture tube or high voltage supply and, under certain circumstances, may produce radiation in excess of desirable levels.
- Only Zenith specified CRT anode connectors must be used. The degaussing shield also serves as an X-ray shield in color sets, do not defeat its purpose.
- It is essential that the servicemen has available an accurate and reliable high voltage meter. The calibration of the meter should be checked periodically against a reference standard, such as the one available at your distributor.
- 4. When the high voltage circuitry is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be run up and down while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly. We suggest that you and your service organization review test procedures so that voltage regulation is always checked as a standard servicing procedure, and that the high voltage reading be recorded on each customer's invoice.
- 5. When trouble shooting and making test measurements in a receiver with a problem of excessive high voltage, avoid being unnecessarily close to the picture tube and the high voltage compartment. Do not operate the chassis longer than is necessary to locate the cause of excessive voltage.
- 6. Color transistor sets manufactured after June, 1973 ("E" Line and later), use new type picture tubes specifically designed to withstand higher operating voltages without causing excessive X-radiation. It is strongly recommended that the C.R.T. shop fixture be equipped with the new type tube. Addition of a permanently connected H.V. meter to the H.V. anode of the shop C.R.T. fixture is advisable. The C.R.T.'s in these sets should never be replaced with any other tube types as that may result in excessive X-radiation and possible violation of the law.
- 7. Starting with late production "E" line color sets, a special four lead damper capacitor was used. Its feature, the interlocking four leads, should not be defeated. However, each time one of these sets is serviced, for whatever reason, the part number of the capacitor should be examined. If it is the 22-7233 type (used in "E" and "F" model lines only), that capacitor must be replaced with an improved recommended type (22-7504-01). Please refer to Zenith Tech Topics (Issue No. 87) for the details. Your distributor will answer any questions, or you may write to Zenith for further details.

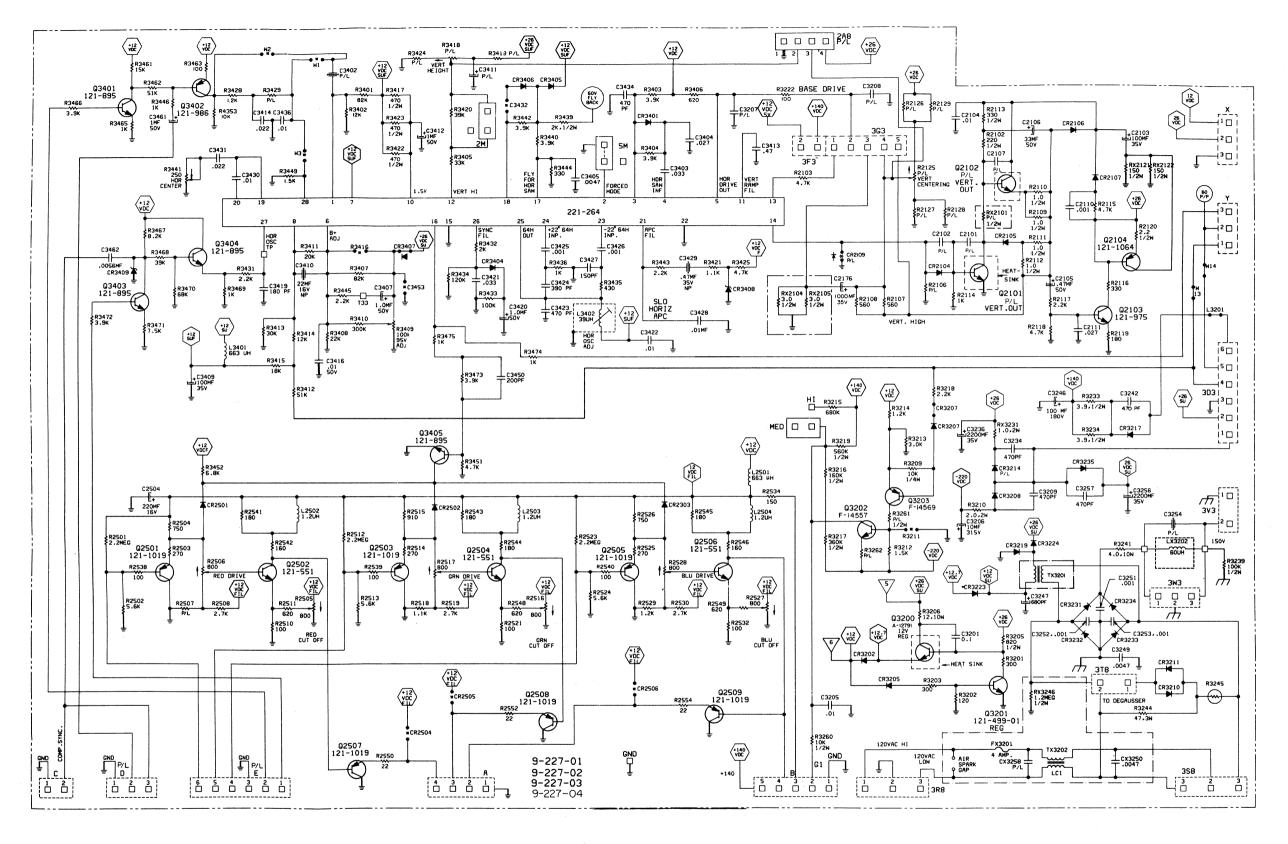
SUBJECT: TIPS ON PROPER INSTALLATION

- Never install any receiver in a closed-in recess, cubbyhole or closely fitting shelf space.
- Never install a receiver over, or close to a heat duct, or in the path of heated air flow.
- Avoid conditions of high humidity such as; outdoor patio installations where dew is a factor, near steam radiators where steam leakage is a factor, etc.
- Avoid placement where draperies may obstruct rear venting. The customer should also avoid the use of decorative scarves or other coverings which might obstruct ventilation.
- Wall and shelf mounted installations using a commercial mounting kit, must follow the factory approved mounting instructions.
- A receiver mounted to a shelf or platform must retain its original feet (or the equivalent thickness in spacers) to provide adequate air flow across the bottom. Bolts or screws used for fasteners must not touch any parts or wiring. Perform leakage tests on customized installations.
- Caution customers against the mounting of a receiver on a sloping shelf or in a tilted position, unless the receiver is properly secured.
- A receiver in a roll-about cart should be stable in its mounting to the cart. Caution the customer on the hazards of trying to roll a cart with small casters across thresholds or deep pile carpets.
- Caution customers against the use of a cart or stand which has not been listed by Underwriters Laboratories, Inc. for use with their specific model of television receiver.

	CV2562 COLO	R TV MONITOR	
PART NO	REF CODE DESCRIPTION	PART NO REF CODE	
	PRINCIPAL COMPONENTS	86-798-03 86-799	TERMINAL PIN (15 REQ) TERMINAL PIN (15 REQ)
A-9731-03	LINE CORD & CONNECTOR HOUSING	1	HORIZONTAL SWEEP ASSEMBLY
A-10177-02	ASSEMBLY (3R8) LIGHT SENSOR & PCB ASSEMBLY	A-12802	HORIZ OUTPUT TRANSISTOR, HEAT SINK
A-12302-05	(SEE BREAKDOWN WITHIN THIS LIST) SECONDARY CONTROLS & PCB ASSEMBLY		& REGULATOR TRANSFORMER ASSEMBLY(SEE A-12802 BREAKDOWN
A-12696-01	(SEE BREAKDOWN WITHIN THIS LIST)	9-365	WITHIN THIS LIST) HIVOLTAGE & HORIZ SWEEP MODULE (SEE
	MAIN CABINET & SPEAKER ASSEMBLY (SEE A-12696-01 BREAKDOWN WITHIN THIS LIST)	19-733-01	HIVOLTAGE & HORIZ SWEEP MODULE (SEE 9-365 PARTS LIST FOR COMPONETS) CABLE TIE STRAP (2 REO)
A-12802	HORIZ OUTPUT TRANSISTOR, HEAT SINK & REGULATOR TRANSFORMER PCB	114-802	CABLE TIE STRAP (2 REQ) 8-18X5/16X1/4AF HEX WASHER HD THD FORM SCREW TER STATERON ZE (2 REQ)
	ASSEMBLY (SEE BREAKDOWN WITHIN THIS LIST)	157-44 194-1029-01	FORM SCREW, TP B, STAT BRONZE (2 REQ) SINGLE PIECE PUSH-IN FASTENER INSULATING STRIP
9-155-23	CRT SOCKÉT MODULE (SEE 9-155-23 PARTS LIST FOR COMPONETS)	1	RIZ OUTPUT TRANSISTOR,
9-227-02	RGB MAIN MODULE (SEE 9-227-02 PARTS LIST FOR COMPONETS)	HEAT SINK & REGULA	TOR TRANSFORMER PCB ASSEMBLY
9-230-03	RGB/COMPOSITE VIDEO INTERFACE MODULE (SEE 9-230-03 PARTS LIST FOR COMPONENTS)	A-9943-07 A-12891	CABLE & HOUSING ASSEMBLY (3W3) REGULATOR TRANSFORMER & PCB
9-365	FOR COMPONENTS) HIVOLTAGE & HORIZ SWEEP MODULE (SEE		ASSEMBLY (SEE A-12891 BREAKDOWN WITHIN THIS LIST)
14-11582-01	9-365 PARTS LIST FOR COMPONETS) CABINET REAR	12-8276-03	HEAT SINK & MTG BRACKET (MTS 9-365 SWEEP MODULE)
20-3918-25	DEGAUSSER COIL (SEE 20-3918-25 BREAKDOWN WITHIN THIS LIST)	19-733-01 19-981	CABLE TIE STRAP
46-10335		22-6466	530pF ±10% 3000V CERAMIC DISC CAP
49-1334-01	(PART OF A-12696-01)	22-7735-01 78-3080-01	300/180V 1700/180V ELECTROLYTIC CAP SOCKET TRANSISTOR
57-9002-01 63-10914	CRT ESCUTCHEON VOLUME CONTROL	112-2367	M3-1/2 HEX WASHER HD METRIC THD SCREW (2 REQ)
95-3406-02	ON/OFF FUSH-SUITON MOB SPEAKER, OVAL 3"X6 1/2" (PART OF A-12696-01) CRT ESCUTCHEON VOLUME CONTROL DEFLECTION YOKE (SEE 95-3406-02 BREAKDOWN WITHIN THIS LIST)	114-802-01	M3-1/2 HEX WASHER HD METRIC THD SCREW (2 REQ) 8-18X3/8X1/4AF HEX WASHER HD THD FORM SCREW, TP B, STAT BRONZE (2 REQ) 6-20X3/8X1/4AF HEX WASHER HD THD FORM SCREW, TP B, STAT BRONZE
136-113-23 192-726	FUSE, 4 AMP 250V SUN SCREEN	114-1115-02	6-20X3/8X1/4AF HEX WASHER HD THD FORM SCREW. TP B. STAT BRONZE
102 120	CRT (A63AAXO1X)	114-1425-01	EODM SCOEM TO B STAT BOONTE
	CONTROL PANEL COMPONENTS	121-1033 194-678	HORIZ OUTPUT TRANSISTOR, NPN INSULATING STRIP, TRANSISTOR
	ON/OFF VOLUME CONTROL & BRACKET		R TRANSFORMER & PCB ASSEMBLY
	ASSEMBLY (SEE ON/OFF VOLUME CONTROL ASSEMBLY BREAKDOWN WITHIN THIS LIST)	A-9941-25	CABLE & HOUSING ASSEMBLY (3V3)
A-8846	WITHIN THIS LIST) VOLUME CONTROL KNOB ASSEMBLY LIGHT SENSOR PCB ASSEMBLY (SEE	A-9943-12 19-733-01	CABLE & HOUSING ASSEMBLY (3R3) CABLE TIE STRAP
A-10177-02	LIGHT SENSOR PCB ASSEMBLY (SEE A-10177-02 BREAKDOWN WITHIN THIS LIST)	22-5688	1000pF ±10% 500V CERAMIC DISC CAP 180pF ±10% 3000V CERAMIC DISC CAP 530pF ±10% 3000V CERAMIC DISC CAP
A-12302-05	SECONDARY CONTROL ASSEMBLY (SEE A-12302-05 BREAKDOWN WITHIN THIS LIST)	22-6466	530pF ±10% 3000V CERAMIC DISC CAP (3 REQ)
19-733-04 24-2971-01	CABLE RETAINING TIE CONTROL COVER	22-7523-01 63-10444-06	0.01μF ±20% 2000V CERAMIC DISC CAP 0.18Ω 10% 5W WIREWOUND RES
43-1938-02	HOUSING, CONTROL PANEL 8-32X0.531SPECIAL SET SCREW SLOTTED (3 MT CONTROL DOOR)	63-10852-02	0.336 10% 3W WIREWOUND RES
73-205-02	(3 MT CONTROL DOOR)	64-1032	EYELET, ROLLED FLANGE GRIPLET, BRASS-SOLDER COATED TERMINAL CLOSED END
93-2115-01 114-1393	WASHER, NM FLAT 8-10X1/2X1/4AF HEX WASHER HD HI RISE THD CUT SCREW (5 REQ. 3 MT A-12302-05	95-3427-02	REGULATING TRANSFORMER
	SEC CONT TO 43-1938-02 HSG & 2 MT	1103-339-04	DIODE, LOW VOLT
156-149-01	VOLUME CONT BRKT TO 43-1938-02 HSG) CATCH WITH KEEPER (MTS FRAME)		CORE, FERRITE BEAD LECTION YOKE COMPONENTS
192-723-04 194-663-03	CRYSTAL WINDOW INSULATOR ROUND	19-821-02	CRT NECK CLAMP
	VOLUME CONTROL & BRACKET COMPONETS	24-2680-02 78-3021-02	YOKE COVER 2 POSITION F SLOT CONNECTOR HSG (3T8)
A-10150-01	CABLE & HOUSING ASSEMBLY (3S8) METAL BRACKET, CONTROL MTG	93-2105 95-3406-02	FLAT METAL WASHER DEFLECTION YOKE
12-8653 19-733-04	CARLE RETAINING TIE	114-1410	8-32X13/16 SPECIAL STAINLESS STEEL
63-10914	CABLE & HOUSING ASSEMBLY (TP7) VOLUME CONTROL	152-326-01	YOKE ADJ WEDGE (3 REQ)
85-1559-02 114-584	ON/OFF SWITCH, PUSH-BUTTON 4-24X1/4X3/16AF HEX HD SLOTTED, THD		(NOT FURNISHED AS PART OF 95-3458-01 YOKE)
	FORM SCREW, TP B CADMIUM (3 REQ 2 MT 85-1559-02 SWITCH TO 12-8653 BRKT,	940-21	GLASS SILICON TAPE (APPROX 24" ROLL 2 1/2" RETAINS EACH 152-326-01 WEDGE)
	1 MTS A-10177-02 PC BOARD TO 12-8653 BRKT)	20-3918-25 DEC	GAUSSER COIL COMPONENTS
A-10	177-02 LIGHT SENSOR & PCB ASSEMBLY	A-9941-07 20-3918-25	CABLE & HOUSING ASSEMBLY (3T8) COIL DEGAUSSER
A-8865-03 22-7859-08	RED EMITTING DIODE, PREFORMED LEADS $47\mu F$ 20% 16V ELECTROLYTIC CAP	23-40 78-3021-02	SPICE CAP, CRIMP TYPE (2 REQ) 2 POSITION F SLOT CONNECTOR HSG (3T8)
50-209-65	CABLE & HOUSING ASSEMBLY (7C8) CABLE & HOUSING ASSEMBLY (7D8)	79-317-03 125-230	HEAT SHRINKABLE SLEEVE (2 REQ) STRAIN RELIEF
50-209-66 162-10	PHOTOVARISTOR		NNECTOR COMPONENTS
199-642 Δ-1 2	SLEEVE 302-05 SECONDARY CONTROL ASSEMBLY	A-9919-62	CABLE & HOUSING ASSEMBLY (D)
63-10235-72	1 KΩ 5% 1/4W FILM RES	A-11217-03 A-11218-06	CABLE & HOUSING ASSEMBLY (9E4) CABLE & HOUSING ASSEMBLY (9F2)
63-10235-73 63-10235-77	3 1100Ω 5% 1/4W FILM RES	A-11861-01 A-11862	JACK & BRACKET ASSEMBLY (STAKING) CABLE & HOUSING ASSEMBLY (E)
63-10235-86 63-10762		A-11886 30-1076	CABLÉ & HOUSING ASSEMBLY (D)
63-10763	PICTURE CONTROL	30-1076-01	JACK & BHACKET ASSEMBLY (STANNG) CABLE & HOUSING ASSEMBLY (D) OVERLAY, AUDIO/VIDEO OVERLAY, SWITCH RGB/COMP 750 5% 1/2W FILM RES
63-10763-01 63-10764	COLOR & TINT CONTROL (2 REQ)	63-10243-45 78-2219-02	JACK, SINGLE (2 REQ) JACK, PHONO SINGLE (YELLOW)
63-10857-11	COLOR LEVEL, TINT & BRIGHTNESS RANGE)	78-2219-06 79-91	SLEEVING (2 REQ)
64-1211-01 85-1594	EYELET, TUBULAR (24 REQ) COLOR SENTRY LEVER SWITCH (3 POSITION)	85-1614 85-1640-01	SLIDE SWITCH , AUTO/MANUAL SLIDE SWITCH (RGB/COMP)
		86-623	TERMINAL SPRING



INTERCONNECT DIAGRAM, MODULAR MONITOR CV2562



B CRITICAL SAFETY COMPONENTS:
THE LETTER "X" IN THE ELECTRICAL SCHEMATIC AND PARTS LIST,
DOCSIONATES SHEELAL CRITICAL SAFETY COMPONENTS. THESE SHOULD
BE REPLACED DMLY BITM TYPES INDIFFICAL TO THOSE IN THE ZENITH
PARTS LIST AND SCHEMATICAL

SCHEMATIC, 9-227-01 THRU -04 RGB MAIN MODULE

REF #	HOUSING PART #	# OF POS.	TERMINAL PART #	PART OF ASSEMBLY #	PART NO	REF CODE	DESCRIPTION HARDWARE
			RENCE DESI EMBLIES, HO	GNATION OF DUSINGS & PLUGS	112-2280		8-18X3 4 RECESSED CROSS-CUT FLAT HI THD FORM SCREW, TP B, BLACK OXIDE
D E TP7	78-3039-06 78-3039-04 78-3039-02	6 4 2	P/O HSG P/O HSG P/O HSG	A-9919-62 A-11862 50-209-64	112-2407		(3 REQ) 8-10X3/4 RECESSED CROSS-CUT HI RISE TRUSS HD THD CUT SCREW, STAT
X XY Y	78-3039-03 78-3039-03 78-3039-03	3 3 3	P/O HSG P/O HSG P/O HSG	A-11677-03 A-11677-03 A-11677-03	114-1154		TRUSS HD THD CUT SCREW, STAT BRONZE (3 MT CONT PANEL TO CABT) 8-18X0/8X1/4AF HEX WASHER HD THD CU SCREW, TP B, STAT BRONZE (5 REO 3 M
2A5 2A7 2B5	78-3039-04 78-3039-06 78-3039-05	4 6 5 5	P/O HSG 6P/O HSG P/O HSG	50-445-02 50-249-06 50-248-04	114-1156		CRT TO 12-8228, 2 MT 12-8228 RGB BRK TO 12-8327-01 VERT BRKT) 8-18X1/2 X1/4AF HEX WASHER HD THD FORM SCREW, TP AB, STAT BRONZE
2B5 2B7 3R3	78-3039-05 78-3039-05 78-3021-03	5 3	P/O HSG P/O HSG P/O HSFA-99	50-248-10 50-248-09 43-	114-1190		8-18X5/8X1/4AF HEX WASHER HD THD FORM SCREW, TP AB, STAT BRONZE ESC BOT MTG
3S8 3T8 3V3	78-3021-03 78-3021-02 78-3021-03	3 2	12 P/O HSG P/O HSG P/O HSG	A-10150-01 A-9941-07 A-9941-25	114-1202		8-18X1X1/4AF HEX WASHER HD THD FORM SCREW, TP AB, STAT BRONZE (2 MT 9-227-02 TO SHELF)
3W3 4P4 5A2	78-3021-03 78-3039-02 78-3039-04	3 2 4	P/O HSG P/O HSG P/O HSG	A-9943-07 50-246-02 50-445-02	114-1286		8-18X7/8X1/4AF HEX HD W/WASHER THD FORM SCREW, TP AB, STAT BRONZE (2 MT 12-8228 RGB BRKT TO CABT REAR
5C2 5C2 7A2	78-3039-05 78-3039-05 78-3039-06	5 5 6	P/O HSG P/O HSG P/O HSG	50-248-04 50-248-10 50-249-06	114-1393-01		8-10X5/8X1/4AF HEX WASHER HD THD CU- SCREW HI RISER (11 REQ 2 MT A-12891 TC CABT, 9 MT 57-09002-01 TO CABT, 10-22Y1/2Y1/AAF HEY HD W/MASHER
7B2 7C8 7D8 9E4	78-3039-05 78-3039-02 78-3039-02 78-3039-02	2332455652222	P/O HSG P/O HSG P/O HSG	50-248-09 50-209-65 50-209-66	114-1436		CABT, 9 MT 57-09002-01 TO CABT) 10-32X1/2X1/4AF HEX HD W/WASHER MACHINE SCREW, CADMIUM (4 MT CRT) 8-15X3/4X1/4AF HEX WASHER HD THD CUT SCREW. TP 17. STAT BRONZF
9F2 PART I	78-3039-02		P/O HSG P/O HSG DESCRIPTIO	A-11217-03 A-11218-06 N	114-1436-01		SCREW, TP 17, STAT BRONZE (2 MT 12-08372-01 TO SHELF) 8-15X3/4X1/4AF HEX WASHER HD THD CUT SCREW, TP 17, STAT BRONZE
	ł	MINOR	COMPONENT	S	CVOEGO	CABINET	(4 MT CABT BACK TO CABT)
A-12718 A-12811	3-01	PAC	KING CARTON		12-8492		OMPONENTS PART OF A-12696-01
12-7850 12-8228	D-01 3	PLA BRA	STIC RAIL (2 RE	HSG ASSEMBLY (4P4) Q MTS PCB) (2 REQ)	12-8515 74-271		ESCUTCHEON MTG BRACKET (9 REQ) CRT MTG BRACKET (4 REQ) VENTILATING SCREEN
12-8372 12-8514 19-550 19-550-	4	RET	CKET, VERTICAL CKET, GLASS S AINING CLIP (4 E TIE PURSE-LO	UPPORT REQ)	74-271-03 114-581 114-1266		VENTILATING SCREEN (3 REQ) #8-15 HEX WHR HD SCREW, TP A (8 REQ) #8-16 HEX HD W/WASHER SCREW, TP AB (12 REQ)
19-733- 19-1018 24-2941	05 3	CAE CLII MOI	ELLE FURSE-LE P, GLASS RETAIL DULE COVER ERLAY, DECORA' COAXIAL CABL ELDED CABLE &	FREQ) NING (2 REQ)	138-1782-01 139-287-02 139-287-03		GRILLE CLOTH BAFFLE BOARD, PLASTIC LEFT HAND RAFFLE BOARD, PLASTIC RICHT HAND
30-1090 52-2514 52-2515	1-01 5-01	OVE 75Ω SHII	RLAY, DECORA COAXIAL CABL ELDED CABLE &	TIVE E & PLUGS PLUGS	157-54 912-1422		#8X5/8 HEX WASHER HD TP A BLACK
78-3110 86-733- 125-198	06 3-04	ADA LOC STR	PTOR JACK KING TERMINA AIN RELIEF, HIN	L, WIRE MT (2 REQ) IGE TYPE IMP TYPE ACT (CRT) READED	912-1435 925-16		GROMMET (2 REQ)
125-217 127-265 149-477	5-01	STR GRO FER	AIN RELIEF, CRI DUNDING CONT RITE CORE, THE	IMP TYPE ACT (CRT) READED DIL WHEN NEEDED)	966-72		BUMPER "FOOT" (4 REQ) NAL AT EXTRA COST
152-326	S-01	YOK (AE	OD TO WIDTH CO CE ADJ WEDGE (OIL WHEN NEEDED)	A-10690		STATIC CONVERGENCE HELPER
192-726 194-250 194-118 206-948	3 0-30 38-01	SUN CUS FIBE	I SCREEN `	UGATED MATERIAL	A-10690-01		(APPROX 4%" LONG) STATIC CONVERGENCE HELPER (APPROX 3½" LONG)

REF CODE	DESCRIPTION			
		63-10235-76		1500Ω 1/4W 5% FILM (2 REQ R3112, R3429 2000 Ω 1/4W 5% FILM (R3432)
	RCF COIL (2 REQ L2501, L3401) RCF COIL (3 REQ L2502, L2503 & L2504)			2200Ω 1/4W 5% FILM (5 REQ R2117, R3218
	RCF TUNABLE (L3402)	63-10235-82		R3431, R3443, R3445) 2700Ω 1/4W 5% FILM
	CAPACITORS	63-10235-83		(3 REQ R2508, R2519, R2530, R3428) 3000Ω 1/4W 5% FILM (R3213)
	0.01µF +40% -10% 1000V CERAMIC DISC (C3205)	63-10235-84		3300Ω 1/4W 5% FILM (R3419)
	0.1μF 20% 125V (CX3258)	63-10235-86		3900Ω 1/4W 5% FILM (7 REQ R3403, R3404 R3440, R3442, R3466, R3472, R3473) 4700Ω 1/4W 5% FILM (5 REQ R2103, R2115
	22μF 20% 16V ELECTROLYTIC (4 REQ	63-10235-88		4700Ω 1/4W 5% FILM (5 REQ R2103, R2115 R2118, R3425, R3451)
	C3209, C3234, C3242 & C3257) 22uF 20% 16V ELECTROLYTIC (C3410)	63-10235-90		5600Ω 1/4W 5% FILM
	0.47μF ±20% 35V ELECTROLYTIC (C3429)			(3 REQ R2502, R2513, R2524) 6800Ω 1/4W 5% FILM (R3452)
	0.0047μF ±20% CERAMIC DISC			7500Ω 1/4W 5% FILM (R3471) 8200Ω 1/4W 5% FILM (R3467)
	(2 REQ C3249, CX3250) 0.47μF 5% 100V POLYESTER (C3413)	63-10235-96		10K Ω 1/4W 5% FILM 12K Ω 1/4W 5% FILM (2 REQ R2570, R3414
	10µF +100%-10% 315V LYTIC (C3206)	63-10236		15KΩ 1/4W 5% FILM (R3461)
	0.01µF 10% 50V CERAMIC DISC			18KΩ 1/4W 5% FILM (R3415) 20KΩ 1/4W 5% FILM (R3411)
	200pF 5% 50V CERAMIC DISC (C3450)	63-10236-04		22KΩ 1/4W 5% FILM (R3408) 30KΩ 1/4W 5% FILM (R3213)
	150pF 5% 50V CERAMIC DISC (C3427)	63-10236-08		33KΩ 1/4W 5% FILM (R3405)
	100μF +50-10% 25V LYTIC (C3411)	63-10236-13		39KΩ 1/4W 5% FILM (2 REQ R3420, R3468 51KΩ 1/4W 5% FILM (2 REQ R3412, R3462
	1μF +50-10% 35V ELECTROLYTIC (C3409)			68KΩ 1/4W 5% FILM (R3470) 82KΩ 1/4W 5% FILM (2 REQ R3401, R3407
	(4 REQ C3407, C3412, C3420, C3461) 33µF +50-10% 50V EL FCTROLYTIC (C2106)	63-10236-20		100KΩ 1/4W 5% FILM (R3433) 120KΩ 1/4W 5% FILM (R3402, R3434)
	390pf 10% 50V CERAMIC TUBULAR (C3424)	63-10236-31		300KΩ 1/4W 5% FILM (R3410)
	1000pF 10% 50V CERAMIC TUBULAR	63-10236-52		2.2 MEGOHM 1/4W 5% FILM (3 REQ R2501, R2512, R2523)
	(4 REQ C2110, C3207, C3425, C3426) 180pF 5% 50V CERAMIC TUBULAR			3Ω 1/2W 5% FILM (2 REQ RX2104, RX2105 220Ω 1/2W 5% FILM (R2102)
	0.027µF 5% 100V POLYESTER (C3404)			330Ω 1/2W 5% FILM
	(2 REQ C3403, C3421)	63-10243-63		(3 REQ R2113, R3417, R3423) 430Ω 1/2W 5% FILM (R2126)
	0.0056µF 10% 100V POLYESTER (C3462) 0.01µF 10% 100V POLYESTER			470Ω 1/2W 5% FILM (2 REQ R3422) 2000Ω 1/2W 5% FILM (R3439)
	(2 REQ C3428, C3436)	63-10243-96		10KΩ 1/2W 5% FILM (R3260)
	(2 REQ C2101, C2107)			100KΩ 1/2W 5% FILM (R3229) 150KΩ 1/2W 5% FILM (R3261)
	(3 REQ C2102, C3414, C3431)	63-10244-25		160KΩ 1/2W 5% FILM (R3216) 360KΩ 1/2W 5% FILM (R3217)
	0.027μF 10% 100V POLYESTER (C2111)	63-10244-38		560KΩ 1/2W 5% FILM (R3219)
	0.01, F 20% 50V CERAMIC TUBUL AB (C3416)	63-10420-31		680KΩ 1/2W 5% FILM (R3215) 2Ω 2W 5% WIREWOUND (R3210)
	(3 REQ C3251, C3252, C3253)			1Ω 2W 10% WIREWOUND (RX3231) 47Ω 3W 10% WIREWOUND (R3244)
	220µF 20% 16V ELECTROLYTIC (C2504) 100µF 20% 25V ELECTROLYTIC	63-10460-50		12Ω 10W 10% WIREWOUND (R3206) 1Ω 1/2W 5% FILM
	680µF 20% 25V ELECTROLYTIC (C3247)			(4 REQ R2109, R2110, R2111, R2112)
	1000μF 20% 35V ELECTROLYTIC (C2176)	63-10565-08		2.2Ω 1/2W 5% FILM (R2120) 3.9Ω 1/2W 5% FILM (2 REQ R3233, R3234)
	(2 REQ C3236, C3256)			22Ω 1/2W 5% FILM (RX2101) 150Ω 1/2W 5% FILM (2 REQ RX2121, RX2122
		63-10657-03		1.2 MEGOHM 1/2W 20% CARBON (RX3246
		63-10832-56		THERMISTOR (R3245) 220Ω 1W 5% FILM (R2129)
	(FUSE NOT FURNISHED			510Ω 1W 5% FILM (2 REQ R2127, R2128) HORIZ CENTERING CONTROL (R3441)
DECI	•	63-10857-08		VERTICAL HEIGHT CONTROL (R3418) ADJUSTMENT CONTROL (R3409)
nesia				GRN DRIVE & GRN CUT-OFF CONTROL
	4Ω 10W 10% WIREWOUND (R3241)	63-10857-26		(2 REQ R2517, R2516) BLUE DRIVE & BLUE CUT-OFF CONTROL
·	220 1/4W 5% FILM	63-10857-27		(2 REQ R2527, R2528) RED DRIVE & RED CUT-OFF CONTROL
.	(3 HEQ R2550, R2552, R2554) 100Ω 1/4W 5% FILM (8 REQ R2510, R2521.			(2 REQ R2505, R2506)
	H2032, H2038, H2039, H2040, H3222)		Т	RANSFORMERS
	1500 1/4W 5% EU M (D2524)			LINE FILTER (TX3202) FILTER CHOKE (LX3202)
}	1801 1/4W 5% FILM (5 REQ R2119, R2541,	95-3558-03		POWER TRANSFORMER (T3201)
	R2543, R2544, R2545) 2700 1/4W 5% FILM	100 140 01		DIODES
	(3 REQ R2503, R2514, R2555)	103-142-01		LOW VOLTAGE (9 REQ CR2104, CR2108, CR2501, CR2502, CR2503, CR3401,
))	330Ω 1/4W 5% FILM (2 REQ R3201, R3203) 330Ω 1/4W 5% FILM (2 REQ R2116, R3444)	103-254-01		CR3404, CR3405, CR3406) LOW VOLTAGE (5 REQ CR2105, CR2106,
3 5	43U1 1/4W 5% FILM (H3435)			CR2107, CR3206, CR32110, CR3211) ZENER DIODE 6.8V 0.5W
,	620Ω 1/4W 5% FILM (4 REQ R2511, R2548,	1.00 2.0		(2 REQ CR2108, CR3408)
3	680Ω 1/4W 5% FILM (R3262)	103-279-19		ZENER DIODE 10V 0.5W (CR3409) LOW VOLTAGE (CR3235)
)		103-309-01		ZENER DIODE 10V 1/2W (CR3205) LOW VOLTAGE (4 REQ CR3231, CR3232,
?	1000Ω 1/4W 5% FILM (9 REQ R2106, R2114,			CR3233, CR3243)
	R3469, R3474, R3475)	103-326 103-330		LOW VOLTAGE (2 REQ CR3208, CR3214) LOW VOLTAGE (4 REQ CR3202, CR3219,
}	1300Ω 1/4W 5% FILM (2 REQ R3214, R3421)			CR3223, CR3224) LOW VOLTAGE (CR3217)
5	1300Ω 1/4W 5% FILM	.00 077 04		zo rozinaz (onozin)
	RESIS	COILS RCF COIL (2 REO L2501, L3401) RCF COIL (3 REO L2502, L2503 & L2504) RCF TUNABLE (L3402) CAPACITORS 0.01µF +40% -10% 1000V CERAMIC DISC (C3205) 0.1µF 20% 125V (CX3258) 0.47µF 20% 50V ELECTROLYTIC (G2105) 22µF 20% 16V ELECTROLYTIC (G2105) 22µF 20% 16V ELECTROLYTIC (G3410) 0.47µF ±20% 35V ELECTROLYTIC (G3429) 1µF 20% 35V ELECTROLYTIC (G3429) 1µF 20% 35V ELECTROLYTIC (G3429) 1µF 20% 35V ELECTROLYTIC (G3429) 0.0047µF ±20% 35V ELECTROLYTIC (G3429) 0.0047µF ±20% 35V ELECTROLYTIC (G3429) 0.0047µF ±20% 0 CERAMIC DISC (C3423) 0.01µF 100%-10% 315V LYTIC (G3206) 470pF 10% 50V CERAMIC DISC (C3423) 0.01µF 100%-10% 315V LYTIC (G3206) 470pF 10% 50V CERAMIC DISC (G3423) 0.01µF 100%-10% 315V LYTIC (G3246) 150µF 5% 50V CERAMIC DISC (G3450) 150µF 5% 50V CERAMIC DISC (G3450) 150µF 5% 50V CERAMIC DISC (G3450) 10µF +50-10% 50V ELECTROLYTIC (G3206) 10µF +50-10% 50V ELECTROLYTIC (G3206) 10µF +50-10% 50V ELECTROLYTIC (G3409) 1µF +50-10% 50V ELECTROLYTIC (G3401) 1µF +50-10% 50V ELECTROLYTIC (G3401) 1µF +50-10% 50V ELECTROLYTIC (G3401) 1µF +50-10% 50V ELECTROLYTIC (G3404) 10µF +50-10% 100V POLYESTER (G3404) 10µF +50-10% 50V ELECTROLYTIC (G3404) 10µF +50-10% 100V POLYESTER (G3405) 10µF +10% +100V POLYESTER (G3405) 10µF +10% +100V POLYESTER (G3405) 10µF +10% +100V POLYESTER (G3405)	COILS GCF COIL (2 REO L2501, L3401) RCF COIL (2 REO L2502, L2503 & L2504) RCF TUNABLE (L3402) CAPACITORS O.01µF +400% -10% 1000V CERAMIC DISC (C3205) O.1µF 20% 125V (CX3258) O.47µF 20% 50V ELECTROLYTIC (C2105) 22µF 20% 16V ELECTROLYTIC (C3409) INF 20% 35V ELECTROLYTIC (G3429) INF 5% 100V POLYESTER (C3413) INF 5% 100V POLYESTER (C3413) INF 5% 50V CERAMIC DISC (G3450) INF 5% 50V CERAMIC DISC (G3450) INF 5% 50V CERAMIC DISC (G3450) INF 5% 50V ELECTROLYTIC (G3246) INF 5% 50V ELECTROLYTIC (G3246) INF 5% 50V ELECTROLYTIC (G3246) INF 5% 50V ELECTROLYTIC (G3427) INF 5% 50V ELECTROLYTIC (G3426) INF 5% 50V ELECTROLYTIC (C3106) INF 5% 50V ELECTROLYTIC (G3426)	COLIS RCF COLI (2 REO L 2501, L2401) RCF COLI (3 REO L2502, L2503 & L2504) RCF COLIN (4 REO L2504, L2504) RCF COLIN (2 REO L2504, L2504) RCF COLIN (2 REO L2504, L2504) RCF COLIN (3 REO L2504, L2504) RCF COLIN (4 REO L2504

CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION	9-227	9- 227-0		9-227	t R	CIRCUIT REFERENCE ESIGNATOR	PART NUMBER	DESCRIPTION	9-227	9- 227-01	9-227 -02	9-227 -03	-04	CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION	9-227 2	9- 227-01		-227 & 8	
	2-7775-10A	CAPACITOR, POLYESTER, .0068 MF, ±20%, 100V	×		X	x x	+	C3430	22 - 76 3 - 240	CAPACITOR, DISC, .OI MF, ±1: *, 50V	x	x	×	×	x	Q2505	121-1019-	TRANSISTOR, PNP	x	×	x	x x	
	2-7774-16	CAPACITOR, POLYESTER, 0.1 MF, ±20%, 100V CAPACITOR, POLYESTER, .022MF, ±10%, 100V	×	+ ×	×	X X	+ +-	C3431	22-7774-16A	CAPACITOR, POLYESTER, .022 MF, ±10%, 100V	x	×	X	×	×	Q2506 Q2506	121-895-	TRANSISTOR, NPN	x			× ×	
	2-7709-09C	CAPACITOR, ELECTROLYTIC, IOO MF. +50-10%, 35V	×	×	×	x x	+-#-	C3432		PROVISION FOR 22-7509-04	*	*	*	*	*	Q3200	F-12737	TRANSISTOR, NPN TRANSISTOR & HEAT SINK ASSY.	* *	*		x x	
	2-7613-24D	CAPACITOR, DISC, .OI MF, ±10%, 50V	x	×	х	x x		03434	22-7742-06	CAPACITOR, AXIAL, 470 PF, ±10%, 50V	x	x	у	х	x			(19-857-0U 9-956-0H21-966-02J26-2U29-02)			x	x x	
	2-7774-14	CAPACITOR, POLYESTER, JOIS MF, ±10%, 100V	×	×	ļ	X X	 	C3436	22-7613-24C	CAPACITOR, DISC, .OIMF, ±10%, 100V		x	Х	×	X	Q2507	121-1019	TRANSISTOR		×		x x	_
	2-7390-02 2-7710-07C	CAPACITOR, ELECTROLYTIC, .47 MF, ±2(%, 5CV CAPACITOR, ELECTROLYTIC, 33 MF, +50-10%, 50V	x	×	× ×	X X		C3435 C3436	22 - 7742 - 10	PROVISION FOR 22-7709-06A CAPACITOR, AXIAL, .001 MF, ±10%, 50V	* x			 	+	Q3201 Q3202	121-499-01	TRANSISTOR, NPN, REG. FEEDBACK TRANSISTOR, NPN	×	×		x x	
	2-7774-14	CAPACITOR, POLYESTER, .015 MF, ±10%, 100V		x				C3453		PROVISION FOR 22-7709-06A		*	*	*	*	92508	121 - 1019	TRANSISTOR	1	x	x	x x	_
	2-7615-03D	CAPACITOR, DISC0033 MF, +8U-IO%, 50V	×		×	X X	++	C3450	22-7739-29A	CAPACITOR, POLYESTER, .27 MF, ±10%, 100V	х					Q32U3	121-1059-	TRANSISTOR, PNP	×	×	x	x x	
C2110 22	2-7742-10	CAPACITOR, POLYESTER, .001 MF, ±10%, 50V	×	×	×	X X	 -	C3450	22-7710-01A	CAPACITOR, ELECTROLYTIC, 1.0 MF, +50-10%, 50V CAPACITOR, DISC, 200 PF, ±5%, 50V	X	×	X	×	X	Q3401	121-895-	TRANSISTOR, NPN TRANSISTOR	×	×		X X	-
C2111 22	2-7774-17A	CAPACITOR, POLYESTER, .027 MF, ±10%, 100V	×	×	1 x	X X	 	C3462	22-7710-01C		x	×	X	×	+ ×	Q2509 Q3402	121-1019	TRANSISTOR PNP	+ + +	X		x x	+
	2-7861-13	CAPACITOR, ELECTROLYTIC, 1000 MF, ±20%, 35V	×	x	x	x x		CR2104	103-142-01	DIODE, LOW VOLTAGE	x	x	×	×	×	03403	121-895-	TRANSISTOR, NPN	×	×		x x	+
			-				1 1	C3462		CAPACITOR, POLYESTER, .0056 MF, ±10%, 100V		×	x	x	x								
	2-7621-42C	CAPACITOR, DISC. 220 PF. ±5%, 50V CAPACITOR, DISC. 220 PF. ±5%, 50V	×	+	+	+	1 11	CR2105	103-254-01	DIODE, LOW VOLTAGE	×	×	×	×	x	Q3404 Q3405	121-895-	TRANSISTOR, NPN TRANSISTOR, NPN	X	×		* X	
0.502			1	 	†	1	+-++	CR2108	103-254-01 103-279-14A	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE	_ ×	×	x	- -	X	45405	121-095	TRANSISION, NEW	+ * +		×	<u>^ </u>	+1
	2-7621-42C	CAPACITOR, DISC, 220 PF, ±5%, 50V	x					CR2107	103-254-01	DIODE, LOW VOLTAGE	x	x	х	×	x	B 8X2101	63-10565-32	RESISTOR, FILM, 22 OHM, 15%; FS 1/2W	x	× 1	×	x x	
C2504 C2504 22	77750 10	PROVISION FOROI MF CAPACITOR CAPACITOR, ELECTROLYTIC, 220 MF, ±20%, 16V.	* '		-	 	$+ \parallel$	CR2501	103-142-01	DIODE, LOW VOLTAGE	x	×	x	x	x	R2102	63-10243-56	RESISTOR, FILM, 220 OHM, ±5%, 1/2M	X	х	x	x x	1
	2-7859-10 2-7775-24A	CAPACITOR, POLYESTER, 0.1 MF, ±20%, 100V	+ -	X	×	X X	+	CR2504 CR2502	103-142-01	PROVISION FOR DIODE 103-254-01 DIODE, LOW VOLTAGE	×	* ×	* x -	×	* ×	R2103	63-10235-88	RESISTOR, FILM. 4.7 K OHM. ±5%. 1/2W	+		×	× ×	\vdash
	2 - 7603	CAPACITOR, ELECTROLYTIC, 4.7 MF, +100-10%, 315V	x		1		1 11	CR25U3	103-142-01	DIODE, LOW VOLTAGE	x	×	x	×	x	B RX2104	63-10243-11	RESISTOR, FILM, 3.0 OHM, 15%, 1/2W	T x	x ·		x x	-
C3463		CAPACITOR, DISC01 MF, +40-20%, IKV		-				CR3206	191-1005-03	WIRE PRE-CUT#22GA													
	2-3512 2-7603-01B	CAPACITOR, ELECTROLYTIC, 10 MF, +100-10%, 315V	X	+ ×	×	x x	+-+-	CR3202 CR3205	103-330A 103-309-01	DIODE, LOW VOLTAGE DIODE, ZENER, IOV, IW	×	×	X	×	x	# #X2105	63-10248-11	RESISTOR, FILM, 3.0 OHH, ±8%, 1/28 RESISTOR, FILM, 1.0K OHM, ±5%, 1/4W	*	<u> </u>		X X	-
00000 11				 ^	 ^	1-^-	1 1	CR3206	103-303-01	BIODE, ZENER, 107, 14		<u> </u>			+^+	1	03-10233-72	RESISTOR, FILM, 1.0K UNM, 15%, 1748	- ×	×	×	× ×	+
	2-7742-10	CAPACITOR, AXIAL, .001 MF, ±10%, 50V CAPACITOR, AXIAL, .001 MF, ±10%, 50V	x	_ × _	x	x x	\Box	CR3206	103-254-01	DIODE, LOW VOLTAGE	X					R2107	63-10235-66	RESISTOR, FILM, 560 DHM, ±5%, 1/4W	×	x	×	x x	-
C3208 22	2-7742-10	CAPACITOR, AXIAL, .001 MF, 110%, 50V	×			+	 -	CR3207 CR2505	91-20530	WIRE, SOLID SINGLE # 22 GA		×	×	×	×	R2108	63-10235-66	RESISTOR, FILM, 560 OHM, ±5%, 1/4W	×	×	x	x x	\perp
C3209 22	2-7395	CAPACITOR, DISC. 470 PF. ±5%, 500V	×	×	×	x x	+-#-	CR3208	103-326A	PROVISION FOR DIODE 103-254-01 DIODE, LOW VOLTAGE	×	* ×	×	×	*	R2109	63-10565-	RESISTOR, FILM, 1.0 OHM, ±5%, FS 1/2W	++++	, +	×	x x	\vdash
B CXB250		PROVISION FOR 22-7481-01	*	St. area				CR3210	103-254-01	DIODE, LOW VOLTAGE	х	×	×	х	x	R2110	63-10565-	RESISTOR, FILM, I.O OHM, ±5%, FS 1/2W	×	×		x x	
C3234 22	2-7395	CAPACITOR, DISC. 470 PF. ±5%, 500V	×	+ ×	- x	x x	++	CR2506		PROVISION FOR DIODE 103-254-01		*	* ×	*	* ×	RZIII	63-10565-						\perp
	2-7861-14	CAPACITOR, ELECTROLYTIC, 2200 MF. +20%, 35V	x	×	×	x x	+	CR3211	103-254-01 103-284A	DIOUE, LOW VOLTAGE DIODE, LOW VOLTAGE	X,	×		X	+ ×	R2112	63-10565-	RESISTOR, FILM, 1.0 OHM, ±5%, FS 1/2W RESISTOR, FILM, 1.0 OHM, ±5%, FS 1/2W	- ×	x	×	* x	+
C3242 22-	-5685	CAPACITOR, DISC, 100 PF, ±20, 500V		x	×	X X		CR3207	103-254-01	DIODE, LOW VOLTAGE	×					T			1 1				\Box
23242		PROVISION FOR 22-5688	* x	-	ļ		+	CR3217	103 - 377 - 04	DIODE, LOW VOLTAGE	×	X	X	x	x	R2113	63-10243-60	RESISTOR, FILM, 330 OHM, ±5%, 1/2W	x	x		x x	-
	2-7603-01A 2-7678	CAPACITOR, ELECTROLYTIC, 10 MF. +100-NO%, 315V CAPACITOR, ELECTROLYTIC, 100 MF, ±100-10%, 180V	 ^ -	+ , -	×	x x	+-+	CR3219 CR3214	103-330A 103-326A	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE	×	X	X	×	×	R2114	63-10235-*2	RESISTOR, FILM, IK OHM, ±5%, 1/4W	X	_x	×	x x	
	2 7895 12	CAPACITOR, ELECTROLYTIC, 680 MF 20 %, 25V	х	×	×			CR3223	103-330A	DIODE, LOW VOLTAGE	x	×	×	×	x	R2115	63-10235-88	RESISTOR, FILM, 4.7K OHM, ±5%, 1/4W	x	×	x	× x	\vdash
C3248A	7000 10	0.000 TO C COTTO UT						CR3224	103-33UA	DIODE, LOW VOLTAGE	×	x	x	×	x								
C3247 22- C3248B	-7860-12	CAPACITOR, ELECTROLYTIC, 470 MF, ±20%, 25V	-	 	+	X X	+-#-	CR3231	103-315-06A	DIODE	×	×	×	×	+ ×	#	-		++				\vdash
C3249 22	2-7431-06	CAPACITOR, DISC0047 MF+ ±20%, UL	x	×	x	x x		CR3232	103-315-06A		X	×	х	×	×	<u> </u>							1
		CAPACITOR, DISC. 5.0047 HF, 120%, UL	*		100											1							
	2-7451-06	CAPACITOR, DISC, .001 MF, ±10%, IKV	×	X	X	X X	12751	CR3233 CR3234	103-315-06A	DIODE.	X	X X	X	X	X	4							
00251					<u>^</u>								_ ^	_ ^	+^+	1							
			1											į	1 1	1							
	2-7811-	CAPACITOR, DISC, .001 MF, ±10%, 1KV	×	x	x	хх	++-	CR3235	103-284A	DIODE, LOW VOLTAGE	x	x	х	×	×	1							
C3253 22	2-7811-	CAPACITOR, DISC, .001 MF, ±10%, IKV	X	×	×	x x		CR3235 CR3401	103-284A 103-142-01	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE	X X	X X	X X	X X	x x								
C3253 22 C3254 22			X X	+	+										+								
C3253 22 C3254 22 C3254 22 C3256 22-	2-7811- 2-7900 2-7404-06 !-7861-14	CAPACITOR, FISC001 MF, ±10%, IKV CAPACITOR, ELECTROLYTIC, 22 MF, ±20%, IOOV CAPACITOR, ELECTROLYTIC, 22 MF, ±20%, ISV CAPACITOR. ELECTROLYTIC, 22 MF, ±20%, 35V	X X X	×	x x	x x		CR3404 CR3404 CR3405	103-142-01	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE		x x	x x	x x	X X X								
C3253 22 C3254 22 C3254 22 C3256 22-	2-7811- 2-7900 2-7404-06 2-7861-14	CAPACITOR,SC, .001 MF, £10%, IKV CAPACITOR, ELECTROLYTIC, 22 MF, £20%, IGOV CAPACITOR, ELECTROLYTIC, 22 MF, £20%, IGV CAPACITOR, ELECTROLYTIC, 2200 MF, £20%, 35V CAPACITOR, ELECTROLYTIC, 2200 MF, £20%, 35V	Gast 1775	x x	X X	x x x x x x	1361	CR3404 CR3405 CR3409	103-142-01 103-142-01 103-142-01 103-279-19	DIODE, LOW YOUTAGE DIODE, LOW YOUTAGE DIODE, LOW YOUTAGE DIODE, ZEWER, IOV, +5%, 1/2W	x x x	x x x	x x x	x x x	X X X X								
C3253 22 C3254 22 C3254 22 C3255 22 C3255 22 C3257 22	2-7811- 2-7900 2-7404-06 !-7861-14	CAPACITOR, FISC001 MF, ±10%, IKV CAPACITOR, ELECTROLYTIC, 22 MF, ±20%, IOOV CAPACITOR, ELECTROLYTIC, 22 MF, ±20%, ISV CAPACITOR. ELECTROLYTIC, 22 MF, ±20%, 35V	X X X	x	x x	x x x	1361	CR3404 CR3404 CR3405	103-142-01	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE	x	x x	x x	x x	X X X								
C3253 22 C3254 22 C3254 22 C3256 22- C3257 22 C3401 22- C3402 22-	2-7811- 2-7900 2-7404-06 2-7861-14 -5866 2-7395- 1-7613-24D -7406-01A	CAPACITOR, .ISC	X X	x x	X X	x x x x x x	1361	CR3401 CR3404 CR3405 CR3409 CR3406 CR3407	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 91-20530	DIODE, LOW YOUTAGE DIODE, LOW YOUTAGE DIODE, LOW YOUTAGE DIODE, ZENER, IOV, 15%, I/2W DIODE, LOW YOUTAGE MIRE, SOLV, SINGLE, 122 LAUL WIRE PRECUT #22 SAUGE	X X X	x x x x	X X X X	x x x x	x x x x x								
C3253 22 C3254 22 C3254 22 C3255 22 C3255 22 C3257 22 C3401 22 C3402 22 C3402 22	2-7811- 2-7900 2-7404-06 2-7861-14 	CAPACITOR, .ISC001 MF. :10%, IKV CAPACITOR, ELECTROLYTIC, 22 MF. :20%, IOOV CAPACITOR, ELECTROLYTIC, 220 MF. :20%, IGV CAPACITOR, ELECTROLYTIC, 220 MF. :20%, ISV CAPACITOR, DISC, 470 PF. :5%, 500V CAPACITOR, DISC, 470 PF. :5%, 500V CAPACITOR, DISC, 470 PF. :5%, 500V CAPACITOR, DISC, 101 MF. :10%, 50V CAPACITOR, ELECTROLYTIC, 1.0 MF, :20%, 35V CAPACITOR, ELECTROLYTIC, 1.0 MF, :20%, 35V CAPACITOR, ELECTROLYTIC, 1.0 MF, :20%, 35V	x x	x x x	X X X	x x x x x x x x x x x x x x x x x x x	1361	CR3401 CR3404 CR3405 CR3409 CR3406 CR3407 FX3202 CR3408	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 91-20530 191-1005-03 103-279-144	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, ZENER, IOV, -5%, I/2W DIODE, LOW VOLTAGE MIRE, SOLI', SINGLE, +22 LALL, WIRE PRECUT = 22 GAUGE DIODE, ZENER, 5, 8V, 1/2M	x x x	x x x x x	x x x x x	X X X X X X	x x x x x x x x x x								
C3263 22 C3264 22 C3265 22 C3266 22 C3266 22 C3267 22 C3401 22 C3402 22 C3403 22 C3403 22 C3403 22	2-7811- 2-7900 2-7404-06 2-7861-14 -5866 2-7395- 1-7613-24D -7406-01A	CAPACITOR, .ISC	X X	x x	X X X	x x x x x x x x x		CR3401 CR3404 CR3405 CR3409 CR3406 CR3407	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 91-20530	DIODE, LOW YOUTAGE DIODE, LOW YOUTAGE DIODE, LOW YOUTAGE DIODE, ZENER, IOV, 15%, I/2W DIODE, LOW YOUTAGE MIRE, SOL!, SINGLE, 122 LAUL WIRE PRECUT #22 SAUGE	X X X	x x x x	X X X X	x x x x	x x x x x								
C3263 22 C3264 22 C3256 22- C3256 22- C3257 22 C327 22- C3402 22- C3402 22- C3403 22- C3403 22- C3404 22- C3404 22- C3405 22- C3405 22- C3405 22- C3405 22- C3404 22- C3404 22-	2-7811- 2-7900 2-7404-06 1-7861-14 -5856 2-7395- 1-7613-24D 1-7406-01A 1-7406-01 1-7773-18 1-7775-088 1-7773-17	CAPACITOR,SC001 MF	X X X X	x x x x	X X X X X X X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x	32	CR3401 CR3404 CR3405 CR3409 CR3406 CR3407 FR3202 CR3408 IC 3401	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 91-20530 191-205-03 103-279-14a 78-3015-07 136-113-23	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, ZEWER, IOV, 15%, I/2W DIODE, LOW VOLTAGE MIRE, SOLI', SINGLE, 122 JADU, WIRE PRECUT: #22 JADU, WIRE PRECUT: #28 JADU INTEGRATED CIRCUIT, NORIZONTAL & VERTICAL PROC ZE PIN, IC SOCKET FUSE, # AMP. FB., 125%	X X X	x x x x x x x x	x x x x x x x x x x x x x x x x x x x	X X X X X X X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x								
C3263 22 C3264 22 C3256 22 C3256 22 C3257 22 C3257 22 C3401 22 C3402 22 C3403 22 C3403 22 C3404 22 C3404 22	2-7811- 2-7900 2-7404-06 2-7861-14 	CAPACITOR, .ISC. DOI NF. :10X, IKV CAPACITOR, ELECTROLYTIC, 22 Mr, : 20%, IOOV CAPACITOR, ELECTROLYTIC, 22 Mr, :20X, IOOV CAPACITOR, ELECTROLYTIC, 220 Mr, :20X, 35V CAPACITOR, DISC, :4T0 FF. :5X, 500V CAPACITOR, DISC, :01 MF, :10X, 50V CAPACITOR, DISC, :01 MF, :10X, 50V CAPACITOR, ELECTROLYTIC, 10 MF, :20X, 35V CAPACITOR, ELECTROLYTIC, 10 MF, :20X, 35V CAPACITOR, DISC, STORE S	X X X	X X X X	x x x x	x x x x x x x x x x x x x x x x x x x	32	CR3404 CR3405 CR3409 CR3409 CR3407 FR3202 CR3408 IC3401	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 191-205-03 103-279-14A 221-264 78-3015-07 136-113-23	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, ZEMER, IOV, 25%, I/2W DIODE, ZEMER, IOV, 25%, I/2W DIODE, LOW VOLTAGE WIRE, PRECOUT = 22 GAUGE DIODE, ZEMER, 5, 89, I/2W INTEGRATED CIRCUIT, NORIZONTAL & VERTICAL PROC 28 PIN, IC SOCKET FUSE, AMP. FG, 125% CLIPS, 2, REGO.	X X X X X X X X X X	x x x x x x x x x	x x x x x x x x	X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x			IMPORTANT SAF	FTY NOI	IICE			
C3263 22 C3264 22 C3256 22 C3256 22 C3256 22 C3402 22 C3402 22 C3402 22 C3402 22 C3403 22 C3404 22 C3404 22 C3407 22	2-7811- 2-7900 2-7404-06 1-7861-14 -5856 2-7395- 1-7613-24D 1-7406-01A 1-7406-01 1-7773-18 1-7775-088 1-7773-17	CAPACITOR,SC001 MF10%. IKV CAPACITORSC	X X X X	x x x x	X X X X X X X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x	32	CR3404 CR3405 CR3409 CR3406 CR3407 FX3202 CR3408 IC3401 FX32C1	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 191-205-03 103-279-14A 221-264 78-3015-07 136-113-23	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, ZEWER, IOV, 15%, I/2W DIODE, LOW VOLTAGE MIRE, SOLI', SINGLE, 122 JADU, WIRE PRECUT: #22 GAGE INTEGRATED CIRCUIT, NORIZONTAL & VERTICAL PROC ZE PIN, IC SOCKET FUSE, 4 AMP. FB., 125%	x x x x	x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	X X X X X X X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x			IMPORTANT SAF					
C3263 22 C3254 22 C3256 22 C3256 22 C3257 22 C3267 22 C3401 22 C3402 22 C3403 22 C3403 22 C3404 22 C3407 22 C3409 22 C3409 22	2-7811- 2-7900 2-7404-06 2-7404-06 2-7861-14 2-7395- -7613-24D -7406-01 -7773-18 -7775-08B -7773-17 -7710-01A	CAPACITOR, .ISC001 MF. :10%, IKV CAPACITOR .ELECTROLYTIC, 22 MF. :20%, IOOV CAPACITOR .ELECTROLYTIC, 22 MF. :20%, ISV CAPACITOR .ELECTROLYTIC, .220 MF. :20%, ISV CAPACITOR .01SC, 470 PF. :5%, SOUV CAPACITOR, DISC, .01 MF. :10%, 50V CAPACITOR, DISC, .01 MF. :10%, 50V CAPACITOR, ELECTROLYTIC, .10 MF, :20%, 35V CAPACITOR, ELECTROLYTIC, .10 MF, :20%, 35V CAPACITOR, POLYESTER, .033 MF, :5%, IOOV CAPACITOR, POLYESTER, .036 MF, :5%, IOOV CAPACITOR, POLYESTER, .027 MF, :5%, IOOV CAPACITOR, POLYESTER, .027 MF, :5%, IOOV CAPACITOR, ELECTROLYTIC, I. 0 MF, :5U-IOX, 5UV	X X X X	x x x x	X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x	32	CR3401 CR3404 CR3405 CR3409 CR3406 CR3407 FX3202 CR3408 IC3401 FX3201 L2501 FX3202 IC3401	103-142-01 103-142-01 103-142-01 103-279-19 91-20530 191-20550 191-205-03 191-205-03 191-205-03 191-205-03 191-205-03 191-205-03	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, EVER, IOV, 15%, I/2W DIODE, EVER, IOV, 15%, I/2W DIODE, LOW VOLTAGE MIRE, SOLI, SINGLE, -22 JAUL WINE PRECUT # 22 GAUGE DIODE, ZENER, 5,8V, I/2W DIODE, JENER, 5,8V, I/2W MITEGRATED CINCUIT, NORIZONTAL & VERTICAL PROC 28 PIN, IC SOCKET FUSC, AMP FG, 1289 CLIPS, 2 RECO. WIRE, PRECUT # 22 GAUGE MIRE, SOLIO, SINGLE, +22 GAUGE	X X X X X X X X X X X X X X X X X X X	x x x x x x	X X X X X X X X X X	x x x x x x	x x x x x x x x x x x x x x x x x x x			NHEN SERVICING THIS CHASSIS, UN THE ORIGINAL DESIGN BE MODIFIED	DER NO CI	RCUMST	HOUT PE	R-	
C3263 22 C3254 22 C3256 22 C3256 22 C3256 22 C3402 22 C3402 22 C3402 22 C3403 22 C3404 22 C3407 22 C3409 22	2-7811- 2-7900 2-7404-06 -7861-14 -5864 -2-73957613-240 -7406-01A -7406-01 -7773-18 -7773-17 -7710-01A -7709-09C -7404-06A	CAPACITOR, JISC. ,001 MF, £10%, 1KV CAPACITOR, ELECTROLYTIC, 22 MF, £20%, 10OV CAPACITOR, ELECTROLYTIC, 220 MF, £20%, 15V CAPACITOR, ELECTROLYTIC, 220 MF, £20%, 15V CAPACITOR, DISC, 470 PF, ±5%, 500V CAPACITOR, DISC, 470 PF, ±5%, 500V CAPACITOR, DISC, 470 PF, ±5%, 500V CAPACITOR, DISC, 10 MF, ±10%, 50V CAPACITOR, ELECTROLYTIC, 1,0 MF, £20%, 35V CAPACITOR, ELECTROLYTIC, 1,0 MF, ±20%, 35V CAPACITOR, POLYESTER, .033 MF, ±5%, 100V CAPACITOR, POLYESTER, .037 MF, ±5%, 100V CAPACITOR, POLYESTER, .027 MF, ±5%, 100V CAPACITOR, ELECTROLYTIC, 1,0 MF, ±50, 10X, 50V CAPACITOR, ELECTROLYTIC, 100 MF, ±00-10%, 35V CAPACITOR, ELECTROLYTIC, 122 MF, ±20%, NP 16V	x x x x	X X X X X X X	X X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x		CR3401 CR3404 CR3405 CR3409 CR3406 CR3407 FX3202 CR3408 IC 3401 FX3205 L2501 FX5204 L2502	103-142-01 103-142-01 103-142-01 103-279-19 103-142-01 103-279-19 103-279-140 221-264 78-3015-07 136-113-23 19-840-01 19-1005-03 19-2035 221-175 20-3887-01	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, ZENER, IOV, 15%, I/2W DIODE, LOW VOLTAGE MIRE, SOLI', SINGLE, *22 DAUL WIRE PREGUT * 22 GAUGE DIODE, ZENER, 5.8V, 1/2W INTEGRATED CIRCUIT, HORIZONTAL B VERTICAL PROC ZE PIN, IC SOCKET FUSC. 2 AIR' F8, 125W CLIPS, 2 REGO. WIRE, PRECUT W 22 GAUGE I'TEGRATED CIRCUIT, HORIZONTAL & VERTI AL PROC COL, PEARMO, 12M	X X X X X X X X X X X X X X X X X X X	x x x x x x x	x x x x x x x x x x	X X X X X X X X X X X X X	X X X X X X X X			NHEN SERVICING THIS CHASSIS, UN THE ORIGINAL DESIGN BE MODIFIED MISSION FROM THE ZENITH RADIO O	DER NO CI OR ALTER ORPORATIO	RCUMST RED HIT	HOUT PE	R- ÆNTS	
C3253 22 C3254 22 C3254 22 C3256 22 C3257 22 C3402 22 C3402 22 C3403 22 C3404 22 C3405 22 C3407 22 C34	2-7811- 2-7900 2-7404-06 2-77661-14 2-7395- 2-7395- 2-7395- 2-7395- 2-773-18 2-7773-18 2-7773-17 2-7710-01A 2-7404-06A 2-7708-09	CAPACITOR,SC001 MF10%. IKV CAPACITORSC	x x x x	x x x x x x x x	X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x	35.1	CR3401 CR3404 CR3405 CR3409 CR3407 FX3202 CR3408 I C 3401 FX3202 L2501 FX3202 L2501	103-142-01 103-142-01 103-142-01 103-279-19 91-20530 191-20550 191-205-03 191-205-03 191-205-03 191-205-03 191-205-03 191-205-03	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, EVER, IOV, 15%, I/2W DIODE, EVER, IOV, 15%, I/2W DIODE, LOW VOLTAGE MIRE, SOLI, SINGLE, -22 JAUL WINE PRECUT # 22 GAUGE DIODE, ZENER, 5,8V, I/2W DIODE, JENER, 5,8V, I/2W MIRE, PRECUT # 22 GAUGE CLIPS, 2 RECO. WIRE, PRECUT # 22 GAUGE MIRE, SOLIO, SINGLE, +22 GAUGE MIRE, SOLIO, SINGLE, +22 GAUGE MIRE, SOLIO, SINGLE, +22 GAUGE	X X X X X X X X X X X X X X X X X X X	x x x x x x	X X X X X X X X X X	x x x x x x	x x x x x x x x x x x x x x x x x x x			MMEN SERVICING THIS CHASSIS, UN THE ORIGINAL DESIGN BE MODIFIED MISSION FROM THE ZENITH RADIO (SHOULD BE REPLACED ONLY MITH IN THE ORIGINAL CIRCUIT, AND THEIR	DER NO CI OR ALTER ORPORATIO PES IDENT PHYSICAL	RCUMST RED HIT ON. ALL FICAL T LOCAT	HOUT PE COMPON O THOSE ION, WI	R- MENTS IN RING	
C3263 22 C3254 22 C3256 22 C3256 22 C3256 22 C3402 22 C3402 22 C3402 22 C3402 22 C3403 22 C3404 22 C3404 22 C3404 22 C3405 22 C3404 22 C3404 22 C3405 22 C3404 22 C3404 22 C3405 22 C3404 22 C3407 22 C3408 22 C34	2-7811- 2-7900 2-79000 2-7404-06- 1-7661-14 2-7395- 2-7395- 2-7395- 2-7406-01A 7-7406-01A 7-7406-01A 7-7773-17 7-7710-01A 7-7406-06 7-7406-06 7-7406-06 7-7406-06 7-7406-06 7-7406-06 7-7406-06	CAPACITOR, SISC. DOI NF. +10%, INV CAPACITOR, ELECTROLYTIC, 22 MF. ±20%, IOOV CAPACITOR, ELECTROLYTIC, 22 MF. ±20%, IOOV CAPACITOR, ELECTROLYTIC, 220 MF. ±20%, 35V CAPACITOR, ELECTROLYTIC, 220 MF. ±20%, 35V CAPACITOR, DISC, 01 MF. ±10%, 50V CAPACITOR, DISC, 01 MF. ±10%, 50V CAPACITOR, ELECTROLYTIC, 1.0 MF, ±20%, 35V CAPACITOR, ELECTROLYTIC, 1.0 MF, ±20%, 35V CAPACITOR, POLYESTER, 303 MF, 15%, IOOV CAPACITOR, POLYESTER, 305 MF, 15%, IOOV CAPACITOR, ELECTROLYTIC, 1.0 MF, ±50, 100V CAPACITOR, ELECTROLYTIC, 1.0 MF, *50, 100V CAPACITOR, ELECTROLYTIC, 100 MF, *100-10%, 35V CAPACITOR, ELECTROLYTIC, 100 MF, *100-10%, 35V CAPACITOR, ELECTROLYTIC, 100 MF, *50, 100V CAPACITOR, ELECTROLYTIC, 100 MF, *50, 100V CAPACITOR, ELECTROLYTIC, 100 MF, *50, 10X, 50V CAPACITOR, ELECTROLYTIC, 100 MF, *50, 10X, 50V CAPACITOR, ELECTROLYTIC, 100 MF, *50, 10X, 50V	X X X X X X X X X X	X X X X X X X	X X X X X X X X X X X X X X X X X X X	x x x x x x x x x x x x x x x x x x x	123	CR3401 CR3404 CR3405 CR3409 CR3406 CR3407 FX3202 CR3408 IC3401 FX3201 L2501 L2501 L3201 L2502	103-142-01 103-142-01 103-142-01 103-142-01 91-20530 191-20530 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03 191-1005-03	DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, LOW VOLTAGE DIODE, ZENER, IOV, 15%, I/2W DIODE, LOW VOLTAGE DIODE, ZENER, IOV, 15%, I/2W MIRE, SOLI', SINGLE, 122 JADU, WIRE PRECUT 822 GAUGE DIODE, ZENER, 5.8V, I/2R INTEGRATED CIRCUIT, NORIZONTAL & VERTICAL PROC ZE PIN, IC SOCKET FUSE, 4 AMP. PB, 125% CLIPS, 2 REQD. WIRE, PRECUT W 22 GAUGE FIRE, SOLID, SINGLE, 122 GAUGE FIRE, SOLID, SINGLE, 122 GAUGE COLL, PEAKING, 12 JM COLL, PEAKING, 12 JM COLL, PEAKING, 100 UH COLL, PEAKING, 100 UH	X X X X X X X X X X X X X X X X X	x x x x x x x	x x x x x x x x x x	X X X X X X X X X X X X X	X X X X X X X X			NHEN SERVICING THIS CHASSIS, UN THE ORIGINAL DESIGN BE MODIFIED HISSION FROM THE ZENITH RADIO O SHOULD BE REPLACED ONLY MITH TY THE ORIGINAL CIRCUIT, AND THEIR AND LEAD DRESS MUST CONFORM TO	DER NO CI OR ALTER ORPORATIO PES IDENT PHYSICAL ORIGINAL	RCUMST RED HIT ON. ALL FICAL T LOCAT LAYOUT	HOUT PE COMPON O THOSE ION, HI	R- MENTS IN RING	
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IMPORTANT SAFETY NOTICE

CRITICAL SAFETY COMPONENTS:

LEGEND (A), 9-227-01 THRU 9-227-04 RGB MAIN MODULE

CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION	9-227		9-227 -02	9-227 -03	9-227	CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION	9-227	9-227 -01	9-227 -02	9-227 -03	9-227	CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R2116	63-10235-60 63-10235-80		×	×	x	X	x	R3214	63-10235-74	RESISTOR, FILM. 1.2K OHM, ±5%, 1/4W RESISTOR, FILM. 56UK OHM, ±5%, 1/2W	×	×	×	X	×	R3463 R3465	63-10235-89	
R2510	63 - 10235 - 46	RESISTOR, FILM, 100 0HM, 25%, 1/4W		×	х	×	x	R3215	63-10244-40	RESISTOR, FILM, 680K OHM, ±5%, 1/2W		×	x	×	У	R3463	63-10235-72	RESISTOR, FILM, IK OHM, 25%, 1/4W
R2118	63-10235-88		X	X	X	×	X	R3216	63-10244-25	RESISTOR, FILM, 16UK OHM, ±5%, 1/2W RESISTOR, FILM, 36UK OHM, ±5%, 1/2W	X	×	X	×	X	R3466	63-10235-86	RESISTOR, FILM, 3.9K OHM, ±5%, 1/4W
R2128	63-10233-54	RESISTOR, CARBON, 510 OHM, ±5%, 1W		×	×	*	*	R-3219	63-10244-36	RESISTOR, FILM, 560K OHM, +5%, 1/2W		×	×	×	x	H3467	63-10235-94	RESISTOR, FILM, 8.2K OHM, ±5%, 1/4W
R2120	63-10565-08		X	×	X	X	X	R3218	63-10235-80	RESISTOR, FILM, 2.2K OHM, 25%, 1/4W	×	×	×	х	x	R3468	63-10236-10	RESISTOR, FILM, 39K OHM, 25%, 1/4W
RX2121	63-10832-56	RESISTOR, FILM, 164 CHM, 25K, 1/29 RESISTOR, CARBON, 220 OHM, ±5%, 1W	*	X	×	*	*	R3222	63-10235-48	RESISTOR, FILM, 47 OHM, \$5%, 1/4W	- ×	X	×	×	×	R3469	63-10235/72 63-10235-86	RESISTOR, FILM, IK OHM. 15%, 1/4W RESISTOR, FILM, 3,9K, 15%, 1/4W
RX2182	63-10585-92	MESISTOR, FILM, ISU OWN, 1855, 1729	3.X 3	*	×	×	×	RX3231	63 10422-24		00- 2 1%		*	×	×	R3470	63-10236-16	RESISTOR, FILM, 68K OHM, 154, 1/4W
R2125	63-9023-02		X	×	×	*	*	R3233 R2539	63-10565-14	RESISTOR, FILM, 3.9 0HM, 25%, 1/2W RESISTOR, FILM, 100 0HM, 15%, 1/4W	×	×	X	X	×	R3471	63-10235-93 63-10235-72	RESISTOR, FILM, 7.5K OHM, ±5%, 1/4W RESISTOR, FILM, 1K OHM, ±5%, 1/4W
R2126	63-10243-53	RESISTOR, FILM, 160 OHM, ±5%, 1/2W	×					R3234	63-10565-14	RESISTOR, FILM, 3.9 OHM, 25%, 1/2W	x	×	×	×	×	R3472	63-10235-86	
R2127	63-10243-66		×	×	×	+	+_+	R3239 R2543	63-10244-20	RESISTOR, FILM, 100K OHM, \$20, 1/2W	х	X	X	×	X	T3201	95-3558-02	TRANSFORMER, START UP
R2128	63-10243-66		x				<u> </u>	R3241	63-8246	RESISTOR, FILM, 180 OHM, 15%, 1/4W RESISTOR, W.W. 4.0 OHM 10W	×	×	1 x	×	x	# 1X3202	95-5439	RESISTOR, FILM, IK, ±5%, 1/4 TRANSFORMER, UG)
R2501	63-10236-28		×		×			R3244	63-10840-40	RESISTOR, TIN OXIDE, FILM, 47 OHM, ±5%, 3W	x	×	X	×	X	T3201	95-3558-03	TRANSFORMER, START UP
R2501	63-10235-90		- x	×	×	×	X	R2544 R3245	63-10235-54 63-10710A	RESISTOR, FILM, 180 OHM, 25%, 1/4W	×	X	×	X	X	+ -	86 - 799	CONNECTOR, STAKES (4/.156)
R2503	63-10235-56		x					@ #X3346	63-10657-93	RESISTOR, CARBON, J. SHEGONN, 120%, 1/28	1	. *	×	X	×	В	86-799	CONNECTOR, STAKES (4/.156)
R2503 R2504	63-10235-58	RESISTOR, FILM, 270 OHM, 15%, 1/4 W RESISTOR, FILM, 2.2K OHM, 25%, 1/4W	×	×	×	X	X	R2545	63-10235-54			X	X	X	×	+ -	83-9239-02	TERM, STRIP MALE. 2 POSITION
R2505	63-10857-11	CONTROL, ROTARY, SINGLE, 5K OHM, RED	x					R3401	63-10236-46	RESISTOR, FILM, 1.2 MEGOHM, ±5%, 1/4W	х	×	×	×	×	11 6	63 9239-04	TERM. STRIP MALE, 3 POSITION
R2506	63-10857-27		×	×	X	, x	x	R2546	63-10235-53			* ×	×	×	×	0	58-436-01	TERM. STRIP MALE, 3 POSITION
R2506 R2507	63-10857-30		x	-	<u> </u>		\vdash	R3402	63-10236-22	RESISTOR, FILM, 120K OHM, ±5%, 1/4W RESISTOR, FILM, 3.9K OHM, ±5%, 1/4W	×	×	×	X	X	E X	83-9239-03 36-799	TERM, STRIP NALE, 6 POSITION CONNECTOR, STAKES (3/.156)
R2506	63-10857-27			×	x	×	x	R2540	63-10235-48	RESISTOR, FILM, 100 OHM, ±5%, 1/4W		x	×	x	x	E	58-363-02	TERM, STRIP MALE, 6 POSITION
R2508 R2509	63-10235-93 63-10235-8U		+ ×	ļ			\vdash	R3404 R3405	63-10235-86	RESISTOR, FILM, 3.9K OHM, ±5%, 1/4W RESISTOR, FILM, 33K OHM, ±5%, 1/4W	×	×	X	X X	X	₩ <u>*</u>	86-799 126-2028-03	CONNECTOR STAKES (3/.156) MEAT SINK (Q2101 & Q2102)
R2507	63-10235-75	RESISTOR, FILM, I.3K OHM, ±5%, 1/4W		×	×	х	x	R2548	63-10235 67			×	×	×	×			
R2510	63-10235-50		x				 	R3406	63-10235-67		X	X	X	X	×	303 3F3	86-799	CONNECTOR, STAKES (6/.156)
	63-10235-82	RESISTOR, FILM, 2.7 K OHM, \$5%, 1/4W	1	×	×	x	x	R2549	63-10235-67		<u> </u>	×	×	×	x	313	86-199	CONNECTOR, STANES (27.156)
R2512	63-10236-28		X		I			R3408	63-10236-04	RESISTOR, FILM, 22K OHM, ±5%, 1/4W	X	×	x	×	×	363	86-799	CONNECTOR, STAKES (5/.156)
R2513	63-10235-90		+-^-	×	×	X	×	R3409 R2550	63-10857-17		X	X	У.	X	×	3R6	86-799	CONNECTOR, STAKES (3/.312)
	63-10235-56	RESISTOR, FILM, 220 OHM, ±5%, 1/4W	X					R3410	63-10236-31	RESISTOR, FILM, 300K OHM, ±5%, 1/4%	×	x	×	×	x	358	86-799	CONNECTOR, STAKES (3/.312)
R2515	63-10235-80		×	×	×		1.	R3411 R2552	63-10236-03	RESISTOR, FILM, 2UK OHM, 25%, 1/4W RESISTOR, FILM, 22 OHM, 25%, 1/4W	×	x	X	X	×	3T8 2A8	86-799 A-9915-62	CONNECTOR, STAKES (2/.156) HOUSING B TERMINAL ASSY
	63-10857-32	RESISTOR, FILM, 9100HM, ±5%, 1/4W CONTROL, ROTARY, SINGLE, 5K 0HM, GREEN	x		<u> </u>			R3412	63-10236-13	RESISTOR, FILM, 220HM, 25%, 1/4W	×	×	×	×	x	3v3	86-799	CONNECTOR, STAKES (2/.312)
***********	63-10857-30	CONTROL, ROTARY, SINGLE, IK OHM, YELLOW	x		ļ	×	x	R3413	63-10236-07	RESISTOR, FILM, 30K 0HM, ±5%, 1/4W	х	x	×	X	X	3W3	86-799	CONNECTOR, STAKES (3/.312)
	63-10235-58	RESISTOR, FILM, 270 OHM, ±5%, 1/4W RESISTOR, FILM, 1.5K OHM, ±5%, 1/4W	×	×	×	 ^ -	1	R2554 R3414	63-10235-32		×	X	X	X X	X	2M 5M	78-3056 78-3056	CONNECTOR, 2M, (3 STAKES) 2 PIN CONNECTOR CONNECTOR, 5M, (3 STAKES) 2 PIN CONNECTOR
	63-10235-93	RESISTOR, FILM, 7.5K OHM, ±5%, 1/4N	x					R3415	63-10236-02	RESISTOR, FILM, 18K OHM, ±5%, 1/4W	x	x	x	х	X	MED-HIGH-RES		CONNECTOR, 2 CIRCUIT SHUNT & CONNECTOR STAKES (3
	63-10235-73	RESISTOR, FILM, 1.1 K OHM, 25%, 1/4W RESISTOR, FILM, 2.2K OHM, 25%, 1/4W	×	×	+ ×	_ ×	×	R3260 R3416	63-10243-96	RESISTOR, FILM, IOKOHM, \$5%, 1/2W PROVISION FOR 1/4W RESISTOR	*	* *	X	*	× -	R2116	63-10235-56	RESISTOR, FILM, 220 OHM, ±5%, 1/4W
·	63-10235-50		x					R3417	63-10243-60	RESISTOR, FILM, 330 OHM, ±5%, 1/2W	×	×	×	×	x	R2119	63-10235-60	
	63-10857-25		- x	×	×	X	×	R2538	63-10235-48	RESISTOR, FILM, 100 0HM, £5%, 1/4W CONTROL, ROTARY, SINGLE, 2K 0H1, YELLOW		X	×	×	×	R3212	63-10235-72	RESISTOR, FILM, IK OHM, ±5%, I/4W RESISTOR, FILM, 2.7K OHM, ±5%, I/4W
	63-10236-28	RESISTOR, FILM, 220K OHM, 25%, 1/4W	×		†			R3419	63-10235-84	RESISTOR, FILM, 3.3K OHM, ±5%, 1/4M	×	×	×	*	*	R3214	63-10235-75	
	63-10235-82		×	×	×	X	X	R3213	63-10235-86	RESISTOR, FILM, 3.9K OHM, ±5% ,1/4W		×	x	x	X	1		
	63-10235-90	RESISTOR, FILM, 5.6K OHM, ±5%, 1/4W RESISTOR, FILM, 220 OHM, ±5%, 1/4W	×	×	<u> </u>		 	R3421	63-10235-73	RESISTOR, FILM, 39K OHM, ±5%, 1/4W RESISTOR, FILM, 1.1K OHM, ±5%, 1/4W	×	×	X	×	X		204-976	PC BOARD
R2516	63-10857-25	CONTROL, ROTARY, SINGLE, 800 OHM, GRN. CUT OFF		×	x	x	х	R3206	F-11851	PESISTOR & SPLICE ASS1, 12 OHM, 10%, 10W(91-20530 & 63-10460-50)	×						204-976-02	PC BOARD
	63-10235-80	RESISTOR, FILM, 2.2K OHM, ±5%, 1/4W CONTROL, ROTARY, SINGLE, 5K OHM, BLUE	×		 		-	93-22 R3423	63-10243-60	RESISTOR, FILM, 470 OHM, ±5%, 1/2W RESISTOR, FILM, 330 OHM, ±5%, /2W	X	×	X	×	X	-		
	63-10235-48	RESISTOR, FILM, 100 OHM, ±5%, 1/4W		×	×	х	x	R2504	63 - 10235 - 69	RESISTOR, FILM, 750 0HM, 15%, 1/4W		×	x	×	x			
	63-10857-30 63-10235-76		X ·	ļ	-		-	R3424 R3425	63-10235-72	RESISTOR, FILM, IK OHM, ±5%, 1/4W RESISTOR, FILM, 4.7K OHM, ±5%, 1/4W	×	x	X X	* ×	* x			
	63-10236-52	RESISTOR, FILM, 2.2 MEG OHM, 15%, 1/4W		×	x	×	x	nu423	102-10233-88	Mediation, 11th, 41th one, 204, 1/48								
R2530 R2531	63-10235-93 63-10235-80	RESISTOR, FILM, 7.5K OHM, 25%, 1/4W RESISTOR, FILM, 2.2K OHM, 25%, 1/4W	×		<u> </u>		LΤ	R3428	63-10235-82		X	×	X	×	X	-		
	63-10235-80		+	×	x	×	×	R3429 R3261	63-10235-76	RESISTOR, FILM, 1.5K OHM, ±5%, 1/4W RESISTOR, FILM, 150K OHM, ±5%, 1/4W	×	X	X.	×	X	-		
R2532	63-10235-50	RESISTOR, FILM, 120 OHM, ±5%, 1/4W	X					R3431	63-10235-80	RESISTOR, FILM, 2.2K OHM, ±5%, 1/4W	x	x	X	x	x			
R2533	63-10235-74 63-10235-58	RESISTOR, FILM, 1.2K OHM, ±5%, 1/4W RESISTOR, FILM, 270 OHM, ±5%, 1/4W	×	x	x	×	+ +	R3432	63-10235-79 63-10235-55	RESISTOR, FILM. 2K OHM, ±5%, 1/4W RESISTOR, FILM, 200 OHM, ±5%, 1/4W	x	. X	×	×	×	-		IMPORTANT S
R2534	63-10235-52		×	×	X	×	x	R3433	63-10236-20	RESISTOR, FILM, 100K 0HM, ±5%, 1/4W	X	×	х	×	×			
		RESISTOR, FILM, 150 OHM, 25%, 1/4W RESISTOR, FILM, 1.3 KOHM, 25%, 1/4W	×	×	×	×	x	R3454		RESISTOR, FILM, 120K OHM, ±5%, 1/4W RESISTOR, FILM, 680 OHM, ±5%, 1/4W	×	×	X	X	×	-		NHEN SERVICING THIS CHASSIS. THE ORIGINAL DESIGN BE MODIF
		RESISTOR, FILM, 150 DHM, ±5%, 1/4W	×					R3435	63-10235-63	RESISTOR, FILM, 430 OHM, 15%, 1/4W	Х	×	x	x	x	_		MISSION FROM THE ZENITH RADI SHOULD BE REPLACED ONLY HITH
	63-10235-52	RESISTOR, FILM, 150 OHM, ±5%, 1/4W	х	×	×	-x	x	R3436 R3449	63-10235-72	RESISTOR, FILM, I.OK OHM, ±5%, 1/4W	X	×	X	×	×	-		THE ORIGINAL CIRCUIT, AND THE AND LEAD DRESS MUST CONFORM
	63-10857-26 63-10235-56	CONTROL, ROTARY, SINGLE, 800 OHM, BLU.DRIVE RESISTOR, FILM, 220 OHM, 25%, 1/4W	×		<u> </u>	<u> </u>	 ^ -	R3449	63-10243-79	PROVISION FOR 1/4W RESISTOR RESISTOR, FILM, 2K OHM, ±5%, 1/2W	x	×	* x	×	×			PLETION OF REPAIRS. IN SOME
R2539	63-10235-56	RESISTOR, FILM, 220 OHM, ±5%, 1/4W	X		I	L	Ш	R3440		RESISTOR, FILM, 3.9K OHM, ±5%, 1/4W	X	x	X	X	x			IS INCORPORATED FOR ADDITION
	63-10235-82		×	×	×	×	+×	R3441	63-10857-02	CONTROL, ROTARY, SINGLE, 250 OHM, HORIZONTAL CENT.	×	×	×	×	+×	\dashv		X-RADIATION SAFETY. SPECIAL VENT SHOCK AND FIRE HAZARD.
R3201	63-10235-59	RESISTOR, FILM, 300 OHM, ±5%, 1/4W	×	x	х	×	x	R3442	63-10233-86	RESISTON, FILM, 3.9K OHM, ±5%, ./4W	×	×	x	X	×	_		ON THE SCHEMATIC FOR EASY ID INCLUDED IN THE CIRCUIT REFE
	63-10857-26 63-10235-50		x	×	X	X	×	R3443	63-10235-80	RESISTOR, FILM, 2.2K OHM, ±5%, 1/4W RESISTOR, FILM, 510 OHM, ±5%, 1/4W	×	×	X	X	×	-		SPECIAL COMPONENTS IN THE ARTAIN SAFE PERFORMANCE. NO DE
R3202 R3203	63-10235-50		×	×	×	X	X	R3444	63-10235-60	RESISTOR, FILM, 330 OHM, ±5%, 1/4W	×	×	×	x	x			PRIOR APPROVAL BY THE SAFETY
R2532	63-10235-48	RESISTOR, FILM, 100 OHM, \$5%, 1/4W		×	X	×	x	R3446		RESISTOR, FILM, IKOHM, ±5%, 1/4W RESISTOR, FILM, 2.2K OHM, ±5%, 1/4W	-	X	X	X	X	4		CAL
R3205 R3206	63-7781	RESISTOR, CARBON, 820 OHN, ±5%, 1/2W RESISTOR, WIREWOUND, 12 OHM, ±10%, 10W	X	X	X	X	x	R3445 R3449		RESISTOR, FILM, 1.5K OHM, 25%, 174W	X	×	X	X	X	_		THIS CIRCUIT DIAGRAM MAY OCC
R 2541	63-10235-54	RESISTOR, FILM, ISO OHM, 25%, 1/4W	1	x	×	×	x	R 3451		RESISTOR, FILM,4.7 KOHM, 25%, 1/4W		×	x	×	х			TUAL CIRCUIT USED, THIS WAY
R3210	63-10420-31	RESISTOR W.W. 2.0 OHM, 25%, 2W PROVISION FOR 1/4W RES.	X **	X.	*	*	*	R3451 R3452	63-10235-82	RESISTOR, FILM, 2.7k OHM, 25%, 1/4W RESISTOR, FILM, 6.8K OHM, 25%, 1/4W	X X	· ,	×	×	+ +	-		SAFETY AND PERFORMANCE IMPRO NOT DELAYED UNTIL THE NEW SE
" R2542	63-10235-53	RESISTOR, FILM, 160 OHM, ±5%, 1/4 W		×	×	×	x	R3453	63-10235-75	RESISTOR, FILM, I.3K OHM, 15%, I/4W		x	x	×	x	7		
	63-10235-76		+	X	X	×	×	R3461	63-10236-13	RESISTOR, FILM, 15K OHM, 15%, 1/4W RESISTOR, FILM, 51K OHM, 15%, 1/4W	X	×	X X	×	×	-		CRITICAL SAFETY COMPONENTS
M3213	V3-10235-83	1 100 1010H, FILM, 310H 006, 13%, 179H								A	•			-				THE LETTER "X" IN THE ELECTR DESIGNATES SPECIAL CRITICAL

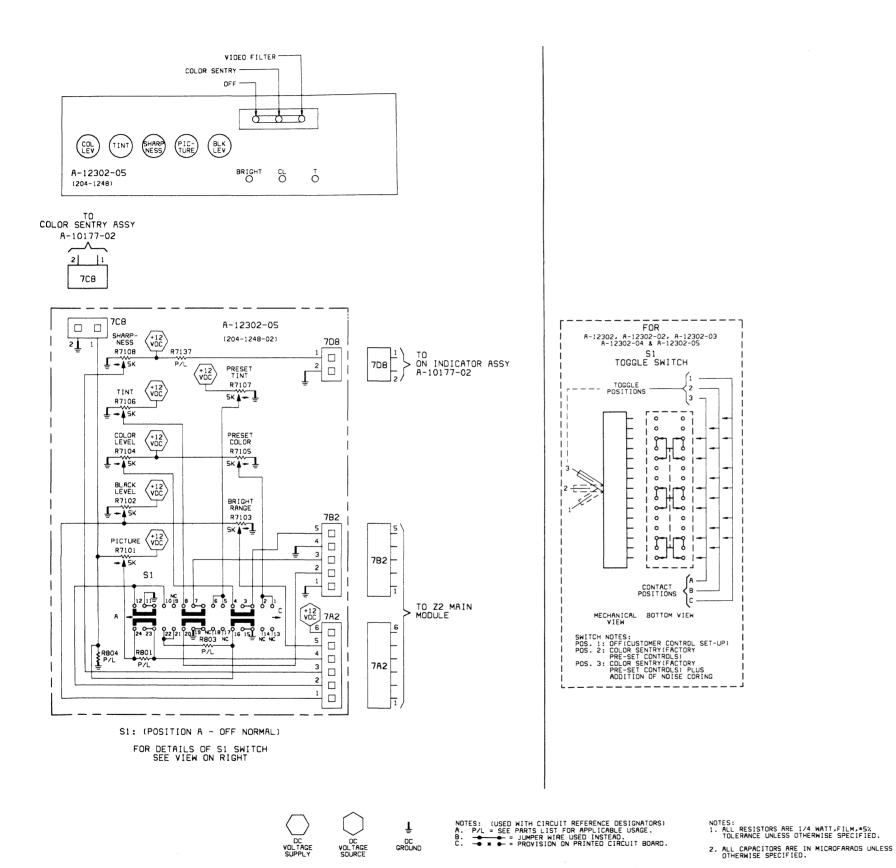
IMPORTANT SAFETY NOTICE

THIS CIRCUIT DIAGRAM MAY OCCASIONALLY DIFFER FROM THE ACTUAL CIRCUIT USED. THIS WAY IMPLEMENTATION OF THE LATEST SAFETY AND PERFORMANCE IMPROVEMENT CHANGES INTO THE SETS IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

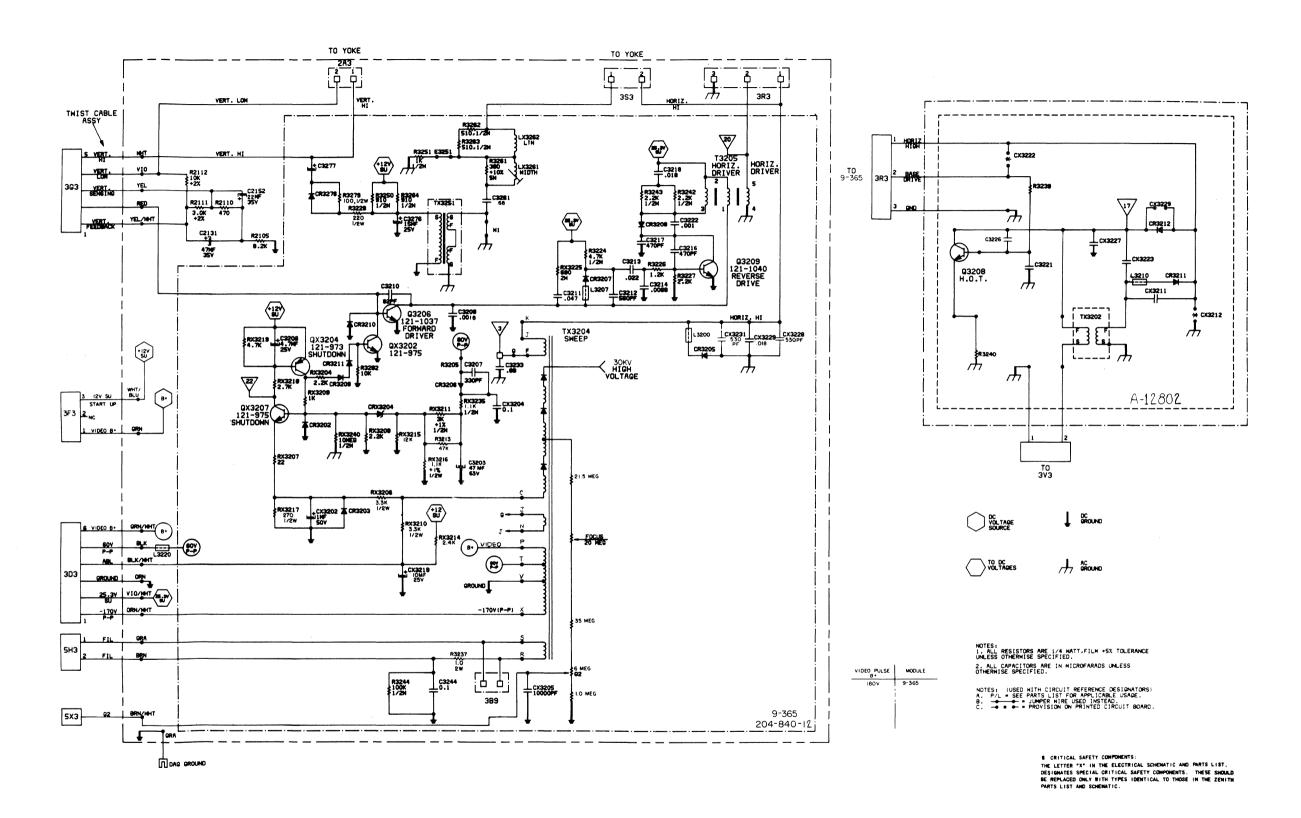
THE LETTER "X" IN THE ELECTRICAL SCHEMATIC AND PARTS LIST, DESIGNATES SPECIAL CRITICAL SAFETY COMPONENTS. THESE SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ZENITH PARTS LIST AND SCHEMATIC.

LEGEND (B), 9-227-01 THRU 9-227-04 RGB MAIN MODULE

PART NO	REF CODE DESCRIPTION TRANSISTORS	PART NO	REF CODE DESCRIPTION MISCELLANEOUS COMPONENTS
A-12791 121-499-01 121-551 121-895 121-966-03 121-975 121-1019 121-1059 121-1064 121-1072-01	TRANSISTOR & HEAT SINK ASSEMBLY (Q3200 — 121-966-03) REGULATOR FEEDBACK (Q3201) RED, GREEN, & BLUE CUT-OFF (3 REQ Q2502, Q2504, Q2506) TRANSISTOR NPN (4 REQ Q3401, Q3403, Q3404, Q3405) TRANSISTOR, NPN (Q3200 — PART OF A-12791) TRANSISTOR, PNP (Q2103) TRANSISTOR, PNP (Q3402) TRANSISTOR, PNP (G3402) TRANSISTOR, PNP (6 REQ Q2501, Q2503, Q2505, Q2507, Q2508, Q2509) TRANSISTOR, NPN (Q3202) TRANSISTOR, NPN (Q3202) TRANSISTOR, PNP (Q2303) TRANSISTOR, PNP (Q2104)	19-840-02 19-857-01 19-859 19-956-01 19-957-03 64-519-01 78-3006 78-3014-07 78-3056 79-317-03 83-9239-02 83-9239-03 83-9239-04 86-799 93-2104 126-2029-03 205-303	FUSE HOLDER CLIP (2 REQ) HEAT SINK CLIP (3 REQ 1 PART OF A-1279 RESISTOR SUPPORT CLIP (2 REQ) TRANSISTOR MOUNTING CLIP (PART OF A- 12791) TRANSISTOR MOUNTING CLIP (2 REQ) EYELET (16 REQ) TRANSISTOR SOCKET (3 REQ) IC SOCKET 2 CIRCUIT SHUNT CONNECTOR (3 REQ) HEAT SHRINKABLE SLEEVE 2 POSITION MALE TERMINAL STRIP 6 POSITION MALE TERMINAL STRIP 3 POSITION MALE TERMINAL STRIP 9 POSITION MALE TERMINAL STRIP 1 SPOSITION MALE TERMINAL STRIP 1 PIN TERMINAL (51 REQ) FLAT WASHER (2 REQ) TRANSISTOR HEAT SINK (2 REQ)



DESIGNATOR	PART NUMBER	SYMBOL NAME	DESCRIPTION	9-12302	A-12362-01	A-12382-82	A-12382-83	A-12382-84	A-12302-05	
.R0801	63-10235-73	RA12	RES.; FILM; 1.1K OHM 5PCT 1/4W	ľ	Ľ	Ľ	×	,		
- R0801	63-10235-78	RA12	RES.; FILM; 1.8K OHM 5PCT 1/4H	1	⊢	x	+	┝	\vdash	\vdash
. R0803	63-10235-77	RA12	RES.; FILM; 1.6K OHM 5PCT 1/4H	1	-	1	×	,		\vdash
	63-10235-82	RA12	RES.; FILM; 2.7K OHM SPCT 1/4W	1	\vdash	x	h	-	1-1	\dashv
-R9893		RA12		1	-	<u> </u>	٠,	١,	-	\vdash
.R9884	63-10235-86		RES.; FILM; 3.9K OHM 5PCT 1/4W	•	├-	-	X	×	1	\vdash
.R0804	63-10235-87	RA12	RES.; FILM; 4.3K OHM 5PCT 1/4W	•	-	X	-	<u> </u>	Н	\dashv
.R7101	63-10763		CONTROL;5K OHM PICTURE	×.	X	X	×	>	-	\vdash
.R7102	63-10762	POT12	CONTROL;5K OHM BLACK LEVEL	×	X	X	X	>		Ш
.R7103	63-10857-11	POT	CONTROL;5K OHM BRIGHTNESS RANGE	×	X	X	X	×		
.R7184	63-10764		CONTROL;5K OHM COLOR LEVEL	×	x	X	X	×	1	:
.R7105	63-10857-11	POT	CONTROL;5K OHM PRESET COLOR	X	X	X	X	×	×	
.R7106	63-10764		CONTROL:5K OHM TINT	×	x	X	x	×	1	
.R7197	63-19857-11	POT	CONTROL:5K OHM PRESET TINT	×	x	x	x	×	1	
.R7108	63-10763-01		CONTROL;5K OHM SHARPNESS	×	x	X	X	7	-	,
				+-	+^	+	r	,	1	
R7109	63-10752-02	-	CONTROL:5K OHM TONE	×	+	×	├-	-	١.	\vdash
R7137	63-10235-72	RR12	RES.; FILM; 1K OHM 5PCT 1/4W	•	┞-	-	┞-	<u> </u>	1	\vdash
•				•	<u> </u>	_	<u> </u>	L		
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S0001	85-1594		SHITCH; LEVER ACTION; 3 POSITION	l _x		×	X	×		_
50002		S26	SHITCH; LEVER ACTION	x		†^	r	-	1-1	-
	85-1585-03			*^	ا ـ	-	-		Н	\dashv
S0003	85-1585-03	S26	SWITCH; LEVER ACTION	•	X	₩	-	-	\vdash	\rightarrow
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	64-1211-01		EYELET; TUBULAR (QUANTY 26)	×	-	x	x	×	Н	\dashv
				!	J	Ĥ	h	-		\dashv
	64-1211-01		EYELET; TUBULAR (QUANTY 16)	!	×	Н	-	-	Н	\rightarrow
•	64-1211-01		EYELET; TUBULAR (QUANTY 22)	•	<u> </u>	-	_	_	1 4	-
				•	_		L.			_
•				•				L		
•	86-798-03		TERMINAL; PIN, 0.045 SQUARE (QUANTY 18)	×						
	86-798-03		TERMINAL; PIN, 0.045 SQUARE (QUANTY 13)	Γ		X		×		\neg
	86-798-03		TERMINAL; PIN, 0.045 SQUARE (QUANTY 11)				X		П	_
					_	-	_	_	-	_
<u></u>				П	Y	1 1			1 1	
<u></u>	86-798-03		TERMINAL; PIN, 0.045 SQUARE (QUANTY 15)	F	X	Н		_	- X	-
			TERMINAL; PIN, 0.045 SQUARE (QUANTY 15)		X				~ 1	
	86-798-03				X				7	
	86-798-03 204-1248		PRINTED CIRCUIT; SECONDARY CONTROL	×		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	×	x	x	×	×	7	
	86-798-03 204-1248		PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	×		×	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		×	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	X	X	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		×	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x			x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		×	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		×	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		×	×	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	x	×	7	
	86-798-03 204-1248 204-1248-01		PRINTED CIRCUIT; SECONDARY CONTROL PRINTED CIRCUIT; SECONDARY CONTROL	x		x	×	×	7	



SCHEMATIC, 9-365 SWEEP BOARD-RGB COLOR MONITOR

CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	SYMBOL NAME	DESCRIPTION	4-365					CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	SYMBOL NAME	DESCRIPTION	9-365			-	
	183-295-81A		DIODE; LOW VOLTAGE CENERAL; SILICON	x	+	++	+	+	03289	121-1848	 	TRANSISTOR; NPN, SILICON	x	++	\vdash	++	+
	200 2 10 02		Disself Est Vacande des Line / States	1	\top	1	+	\vdash	1			The state of the s	1	+	\vdash	\forall	+
	149-454	FC1	CORE, FERRITE; BEAD	x			T										\perp
	149-599-81	FC1	CORE, FERRITE; BEAD	x										\square			\perp
				\sqcup	+	$\perp \perp$	_	Ц.	ļ <u>. </u>					\perp	\vdash	\sqcup	_
·				₩	\perp	++	\perp		+	63-10235-94	RA12	RES.; FILM; 8.2K DHM 5PCT 1/4H	X	\perp	\vdash	\sqcup	\perp
·				++	+	++	+-	1	R2110	63-18235-64	RA12	RES.; FILM; 478 OHM 5PCT 1/4H	X	+	+	++	+
			000 - 117 HED 00007 OF 11 5 5 5 5 7 7 0	1	+	++	+-	\vdash	R2111	63-10233-83	RA12	RES.; FILM; 3K OHM 2PCT 1/4W	X	+	\vdash	++	+
.C2131 .C2152	22-7861-88A 22-7861-86A		CAP.; 47 MFD 28PCT 35V; ELECTRO CAP.; 22 MFD 28PCT 35V; ELECTRO	X	+	++	+		R2112 RX3294	63-10233-96	RA12	RES.; FILM; 19K DHM 2PCT 1/4H RES.; FILM; 2.2K DHM 5PCT 1/4H	X	+	+	++	+
.CX3242	22-7862-81A	CF18	CAP.; 1 MFD 20PCT 58V; ELECTRO	Îx	+	++	+	1	RX3206	63-7805	KUIZ	RES.; CARBON; 3.3K OHM 5PCT 0.5H	1î	++	\vdash	++	+
.C3203	22-7863-88	CE48	CAP.; 47 MFD 28PCT 63V; ELECTRO	î	\top	+	+		+	63-19235-32	RA12	RES.; FILM; 22 DHM 5PCT 1/4H	1x	++	\vdash	+	+
.CX3284	22-7773-24	CH3	CAP.; 8.1 MFD SPCT 188V; POLY	x					++	63-10235-80	RA12	RES.; FILM; 2.2K DHM 5PCT 1/4H	x	\top		T	+
. CX3285	22-7523-81	00752	CAP.; 8.81 MFD +28 PCT -28 PCT 2888V;	x					RX3289	63-10235-72	RA12	RE9.; FILM; 1K OHM 5PCT 1/4H	x				T
			DISC						R3210	63-7895		RES.; CARBON; 3.3K DHM 5PCT 8.5H	X			\Box	
.C3286	22-7868-84A		CAP.; 4.7 MFD 28PCT 25V; ELECTRO	x	_	\perp	\perp	Ш	RX3211	63-10810-07	ļ	RES.; FILM; 3K OHM 1PCT 1/2H	×	\perp	\vdash	\sqcup	\perp
.C3287	22-5665	CD278	CAP.; 330 PFD +10 PCT -10 PCT 1000V;	X	\perp	++	+	1	RX3213	63-10236-12	RA12	RES.; FILM; 47K OHM 5PCT 1/4H	x	+	\vdash	\vdash	\bot
-	00 7000	2071120	DISC	1.	-	++	+	\vdash	RX3214	63-19233-81	RA12	RES.; FILM; 2.4K OHM 2PCT 1/4W	X	+	+	+	+
.C3209	22-7242	C07430	CAP.; 8.8818 MFD +18 PCT -18 PCT 588V;	X	+	++	+		++	63-10235-98	RA12	RES.; FILM; 12K OHM 5PCT 1/4W	X	+	+	++	+-
.C3210	22-5995	00599	CAP.; 82 PFD 28PCT 588V; DISC	x	+-	++	+	+	R3216 RX3217	63-10810 63-7760	+	RES.; FILM; 1.1K OHM 1PCT 1/2 H RES.; CARBON; 278 OHM 5PCT 1/2 H	X	+	\vdash	++	+
.C3211	22-7777-28B	٠,١	CAP.; 8.847 MFD 18PCT 288V; POLY	x	+	++	+		RX3217	63-10235-82	RA12	RES.; FILM; 2.7K DHM 5PCT 1/4W	X	++	\vdash	++	+
.C3212	22-7234		CAP.; 568 PFD 18PCT 500V; DISC	î	+	++	1		RX3219	63-19235-88	RA12	RES.; FILM; 4.7K DHM 5PCT 1/4W	1x	++	\vdash	++	+
.C3213	22-7775-16	CH1	CAP.; 8.822 MFD 28PCT 188V; POLY	x					R3224	63-10243-88		RES.; FILM; 4.7K OHM 5PCT 1/2H	x	+	\vdash	11	+
.C3214	22-7775-10	CH1	CAP.; 8.8868 MFD 28PCT 188V; POLY	x	I	\Box			R3225	63-10836-68		RES.; FILM; 688 DHM 5PCT 2H	x				\Box
.C3216	22-5684	00568	CAP : 478 PFD +28 PCT -28 PCT 588V;	x					R3226	63-10235-74	RA12	RES.; FILM; 1.2K OHM 5PCT 1/4H	X			П	
		ļ	DISC	\perp	_	\perp	-	\perp	R3227	63-10235-80	RA12	RES.; FILM; 2.2K DHM 5PCT 1/4H	x	\perp	\vdash	\perp	\perp
.C3217	22-5684	00568	CAP.; 478 PFD +28 PCT -28 PCT 588V;	X	_	44		-	.R3228	91-2053	JUMP	HIRE; SOLID, SINGLE CONDUCTOR; 22 CA	X	\perp	\vdash	\perp	\perp
			DI9C	++	+	++	+	1	#			TINNED	\rightarrow	+	-	++	+
.C3218	22-7774-15	CW1	CAP.; 8.818 MFD 18PCT 188V; POLY	X	+	++	+	-	RX3235	63-10810	-	RES.; FILM; 1.1K OHM 1PCT 1/2 W	X	+	\vdash	++	+
.CX3219	22-7868-85A 22-7742-18	CE10 C9010	CAP.; 18 MFD 28PCT 25V; ELECTRO CAP.; 1888 PFD 18PCT 58V; TUBULARR	X	+	++	+	-	R3237	63-10422-24	-	RES.; HW; 1 OHM 10PCT 2W	X	+	+	++	+
.CX3228	22-6466	CD752	CAP.; 538 PFD +18PCT -18PCT 3888V; DISC	x	+	++-	+	+	R3242	63-18637-84	RA25	RES.; CARBON; 10M OHM 20PCT 1/2H RES.; FILM; 2.2K OHM 5PCT 1/2H	X	+	\vdash	+	+
.CX3229	22-7672-85	CA754	DRP.; 8.918 MFD 5PCT 1688V;	1x	+	++	+	+	R3243	63-10243-80	RA25	RES.; FILM; 2.2K DHM 5PCT 1/2H	lx	++	\vdash	+	+
			POLYPROPYLENE						R3244	63-7868		RES.; CARBON; 100K DHM 5PCT 1/2H	x	+	П	+	+
.CX3231	22-6466	CD752	CAP.; 538 PFD +18PCT -18PCT 3888V; DISC	x					R3250	63-10243-71		RES.; FILM; 918 OHM 5PCT 1/2W	x				
.C3233	22-7128	CF4	CAP.; 0.68 MFD 10PCT 200V; POLY	x					R3251	63-7785	RA25	RES.; CARBON; 1K OHM 10PCT 1/2W	x				
.C3244	22-7566-24	CP756	CAP.; 8.1 MFD 18PCT 258V; POLY	х					R3261	63-18444-86		RES.; NH; 390 OHM 10PCT 5N	x			П	
.CX3261	22-7683-83		DAP.; 0.68 MFD 10PCT 200V;	x	\perp	\perp	\perp	Ш	R3262	63-10828-65		RES.; FILM; 518 OHM 5PCT 1/2H	x		\vdash	11	
			POLYPROPYLENE	1	-	++	+	-	R3263	63-18828-65		RE9.; FILM; 518 OHM 5PCT 1/2W	X	+	\vdash	++	+
.C3276	22-7868-26A	OFIIA	CAP.; 15 MFD 20PCT 25V; ELECTRO	X	+	++	+	\vdash	R3264	63-10243-71		RES.; FILM; 918 OHM 5PCT 1/2W	X	+	\vdash	+	+
.C3277	22-7862-89	CE48	CAP.; 188 MFD 28PCT 58V; ELECTRO	X	+	++	+	-	R3279	63-7743 63-18235-96	0012	RES.; CARBON; 100 OHM 10PCT 1/2W	X	+	\vdash	++	+
					1	\Box	t		N3202	63.18533-16	KHIZ	RES.; FILM; 19K OHM 5PCT 1/4H	1		士	\Box	士
·				+	_	\perp	-	1			-		\rightarrow	\perp	\vdash	\perp	\perp
.CR3202	103-142-01	DA33	DIODE; LOW VOLTAGE CENERAL; SILICON	X	+	++	+-	-	+	ļ			\dashv	+	\vdash	++	+
.CR3283	103-338A 103-308A	DA12	DIODE; LOH VOLTACE CENERAL; SILICON DIODE; ZENER; 12V 0.5H	X		++-	+	\vdash	TVOOR	05 275/		OUESD MEMOR ON ON STAND		+	\vdash	++	+
.CR3205	103-305A	DHIZ	DIODE; HICH VOLTAGE CENERAL; SILICON	x	+	++	+	\vdash	TX3284	95-3756 95-3344	-	SHEEP XFMR; COLOR FINAL TRANSFORMER; HORIZONTAL DRIVER	X	++	+	++	+
.CR3206	183-284A	DR56	DIODE; LOW VOLTAGE CENERAL; SILICON	x	+	++	+	\vdash	TX3251	95-3389-04	-	TRANSFORMER; SATURABLE REACTOR	1x	+	\vdash	++	+
.CR3287	F-16147		DIODE, FERRITE; BEAD SLEEVING ASSEMBLY	x	\top	+			1			The state of the s	1-	++	\vdash	+	+
.CR3288	103-295-01A		DIODE; LOH VOLTACE CENERAL; SILICON	x		11							11	+	\vdash	\top	+
.CR3289	103-142-01	DA33	DIODE; LOW VOLTAGE CENERAL; SILICON	x													I
.CR3218	103-142-01	DH33	DIODE; LOW VOLTAGE CENERAL; SILICON	x	I	H									I		
.CR3211	103-142-01	DA33	DIODE; LOW VOLTAGE CENERAL; SILICON	x	_		-		H8892	91-2053	JUMP	WIRE; SOLID, SINGLE CONDUCTOR; 22 CA	X	\Box	\perp	\Box	\perp
.CR3276	103-254-01	DR22	DIODE; LOW VOLTAGE CENERAL; SILICON	x	+	++	+	\vdash	H			TINNED	\dashv	\perp	\vdash	\perp	
<u> </u>	 	-		++	+	+-+-	+	\vdash	 		-		+	+	+	++	+
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				\Box	+	+	+-	1	1		1		1+	+	_	++	+
.E3251	52-2249-88	9G2A	SPARK CAP	x	T	\Box			1	A-9911-58		CABLE HSNC ASSY; 0.156P 1 UP; 5H3	x	I	\pm	\Box	\perp
				+	-	1	+	\vdash	.				\rightarrow	\perp	Н-	\sqcup	$\perp \perp$
ļ 	 	-		++	-	++	+	\vdash		A-9939-18	-	CABLE HSNC ASSY; 0.312P 1 UP; 5X3	X	+	_	++	+
		 		1	+	++	+-	-	#	A-10080		CABLE ASSEMBLY; WITH HOUSING; TWISTED	X	+	+	+	+
.L3288	149-333		IRON CORE; SLEEVE	x	+	++-	+	++	 		+	PAIR, 3C3	++	+	+	++	+
.L3207	F-16147		DIODE, FERRITE; BEAD SLEEVING ASSEMBLY	x	+	++	+	\vdash	H		 		+	+	+	++	+
.L3220	F-14920		FERRITE BEAD ; SLEEVE ASSEMBLY	î	+	++	\top	+	1[1+	++	+	++	+
	28-3885-81		COIL; ., TUNABLE; KIDTH CONTROL	x					1				11	++	_	\top	
.LX3261		L1	COIL; .	x									1	\top		11	1
	28-3945						I								\perp		\perp
.LX3261	28-3945			I T		\coprod	\perp		1	28-307		MODULE; WORKMANSHIP APPEARANCE	x		\perp		
.LX3261	28-3945			+							1						
.LX3261	28-3945			\Box	1	11	+-	\perp	 		-	QUALITY; ASSURANCE STANDARD	$\dashv \bot$	+	1	+	+
.LX3261 .LX3262					-	\parallel	+		+	28-1154		SPECIFICATION; PERFORMANCE	x	\exists	\pm	\parallel	\pm
.LX3261 .LX3262	121-975	DNPN	TRANSISTOR; NPN, SILICON	X			‡		+	28-1154 58-212-21		SPECIFICATION; PERFORMANCE CONNECTOR CABLE; ASSY, 8.156P, 3	x	\parallel		H	\pm
.LX3261 .LX3262	121-975 121-973		TRANSISTOR; PNP, SILICON	x						50-212-21		SPECIFICATION; PERFORMANCE CONNECTOR CABLE; ASSY, 0.156P, 3 CONTACT, 1 UP; 3F3	X				
.LX3261 .LX3262	121-975	ONPN ONPN12 ONPN										SPECIFICATION; PERFORMANCE CONNECTOR CABLE; ASSY, 8.156P, 3					

CIRCUIT REFERENCE DESIGNATOR	PART NUMBER	9YMBOL NAME	DESCRIPTION	9-365					
	64-519-01		EYELET; ROLLED FLANCE	X					
	64-519-03		EYELET; ROLLED FLANCE	x		十	1	П	\top
	64-1832		CRIPLET; 0.070 DIA X .065 LG;	x	\neg	T			\top
			BRASS-SOLDER COATED					П	
	78-3021-01		CONNECTOR; 1 CIRCUIT	x	7				\neg
	78-3824-81		CONNECTOR; MULTI 1 CIRCUIT STRIP	x			1		
	78-3839-82		CONNECTOR; 2 CIRCUIT	X					
	78-3039-03		CONNECTOR; 3 CIRCUIT	x					T
	78-3039-05		CONNECTOR; 5 CIRCUIT	X			1		
	78-3039-06		CONNECTOR; 6 CIRCUIT	x			\top		
	78-3842-82		CONNECTOR; MULTI 2 CIRCUIT CHAIN	x		T	1		
	78-3842-83		CONNECTOR; MULTI 3 CIRCUIT CHAIN	x		T			
	78-3942-85		CONNECTOR; MULTI 5 CIRCUIT CHAIN	x		\top			
	78-3042-86		CONNECTOR; MULTI 6 CIRCUIT CHAIN	X					
	79-317-84		SLEEVING; HEAT SHRINKABLE, 8.828 INCH	X			T		
			HALL; 0.187 INCH DIAMETER						
	79-317-85		SLEEVING; HEAT SHRINKABLE, 8.828 INCH	X					
			HALL; 8.258 INCH DIAMETER				T		
	86-733-82		TERMINAL; LOCKING; WIRE MOUNTED	X		1			
	86-799	STAKE1	TERMINAL; PIN, 8.845 INCH SQUARE	X			1		
	86-848		TERMINAL; PC HIRE CRIP	X		Ţ	7		
	91-2053	JUMP	HIRE; SOLID, SINGLE CONDUCTOR; 22 CA	X			T		
			TINNED					Ī	
	181-1112		PRODUCTION; COUNT LABEL	X			\top		
	101-6239-11		LABEL; DATE CODE	X					
	114-1379-81		SCREW, THO FORM; 8-10X0.5 HI RISER	X			T		
			STAT BRONZE 1/4AF; HEX WASHER HEAD						
	140-336-02		TAPE; POLY FILM; 1/4 INCH HIDE	х					
	177-67		HOT STAMP FOIL; NON-METALLIC, BLACK;	х					
			3.628 IN WIDE				\perp		
	284-597-39		PC BOARD; BULK	X					
	284-848-12		PRINTED CIRCUIT; Z SWEEP	X					
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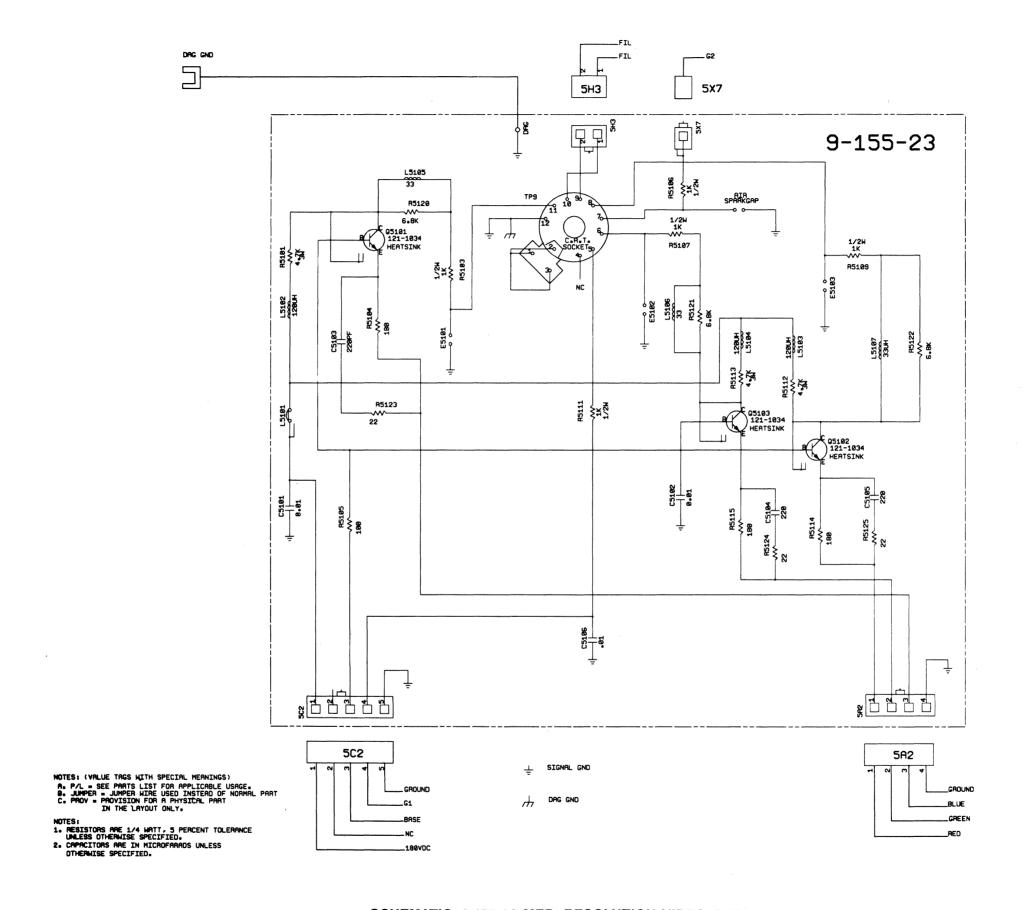
IMPORTANT SAFETY NOTICE

SHEN SERVICING THIS CHASSIS, UNDER NO CIRCURSTANCES SHOULD THE DRIVING CESION SE NODIFIED OR ALTERED RITHOUT PERMISSION FROM THE ZENITH MADIO CORPORATION. ALL COMPONENTS SHOULD BE REPLACED GUT SITH THE ORIGINAL CIRCUIT, AND THEIR PHYSICAL DOCATION, BIRINS AND LEAD DRESS HIST CORPORATE OR TO GROWN TO THE ORIGINAL LYOUT UNDO COMPLETION OF REPAIRS. IN SOME INSTANCES REDUNDANT CIRCUITRY IS INCOMPONATED FOR ADDITIONAL CIRCUIT PRECIDENT OR ADDITIONAL CIRCUIT PRECIDENT OR ADDITIONAL CIRCUIT SHEED CHILICAL AREAS ARE SHANDED ON THE SOMEWAITE OR CASHING SHEED CHILICAL AREAS ARE SHANDED ON THE SOMEWAITE OR CASHING SHEED CHILICAL AREAS ARE SHANDED ON THE SOMEWAITE OR CASHING SHEED SHEED CHILICAL AREAS ARE SHANDED ON THE SOMEWAITE OR CASHING SHEED THE ALEASE SHILD ARE REQUIRED TO MAINTAIN SAFE, PERFORMANCE. NO DEVIATIONS ARE ALLOSED BITHOUT PRIOR APPROVAL BY THE SAFETY ENGINEERING DEPARTMENT.

CAUTION

THIS CIRCUIT DIAGRAM MAY DOCASIONALY DIFFER FROM THE ACTUAL CIRCUIT USED. THIS MAY IMPLEMENTATION OF THE LATEST SAFETY AND PERFORMANCE IMPROVEMENT CHANGES INTO THE SETS IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

B CRITICAL SAFETY COMPONENTS:
THE LETTER "X" IN THE ELECTRICAL SCHEMATIC AND PARTS LIST,
DESIGNATES SPECIAL CRITICAL SAFETY COMPONENTS. THESE SHOULD
BER REPLACED DMLY DITH THES IDENTICAL TO THOSE IN THE ZENITM
PARTS LIST AND SCHEMATIC.



SCHEMATIC, 9-155-23 MED. RESOLUTION VIDEO OUTPUT